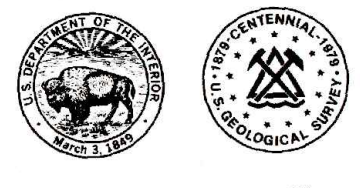


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

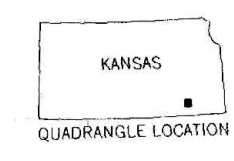
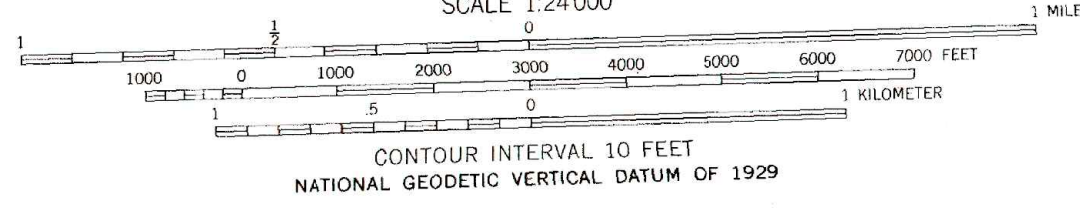


STATE OF KANSAS

HALE QUADRANGLE  
KANSAS—CHAUTAUQUA CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

658 11 NE  
SERIES 7878

Mapped, edited, and published by the Geological Survey  
in cooperation with State of Kansas agencies  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1960. Field checked 1962  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Kansas coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 14, shown in blue  
Area covered by dashed light-blue pattern is subject to  
controlled inundation  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked  
Revisions shown in purple and woodland compiled from  
aerial photographs taken 1976 and other source data  
This information not field checked. Map edited 1979



ROAD CLASSIFICATION  
Light-duty ———— Unimproved dirt ————

HALE, KANS.  
N 3707.5—W 9600/7.5

1962  
PHOTOREVISED 1979  
AMS 6758 11 NE—SERIES 7878

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND STATE GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST