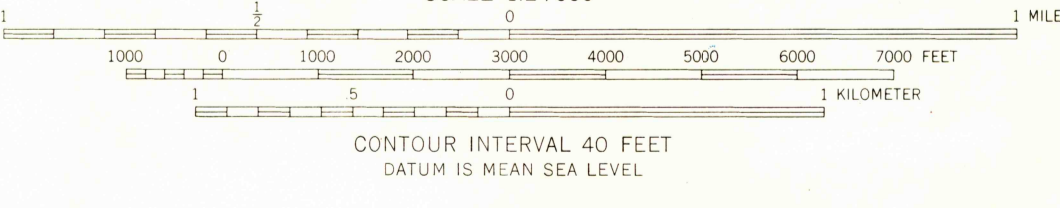
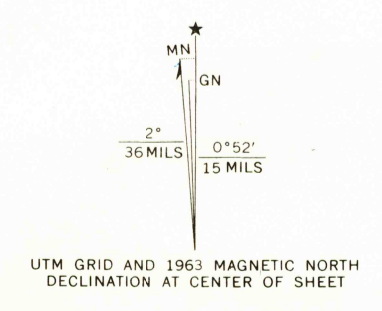


Mapped, edited, and published by the Geological Survey  
Kentucky area mapped in cooperation with  
Kentucky Geological Survey

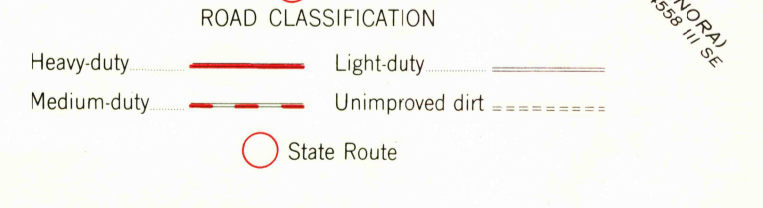
Control by USGS, USC&GS, and Consolidation Coal Company  
Topography in Virginia by photogrammetric methods from  
aerial photographs taken 1960 and 1961. Field checked 1963  
Topography in Kentucky by photogrammetric methods from aerial  
photographs taken 1952, and from maps of the Consolidation Coal Company  
Field checked 1954. Revised 1963

Polyconic projection. 1927 North American datum  
10,000-foot grids based on Virginia coordinate system,  
south zone, and Kentucky coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is un-checked

Blue hatching indicates areas to be submerged by  
John W. Flannagan Reservoir. Areas covered by dashed  
light-blue pattern are subject to controlled inundation



USGS  
Historical File  
Topographic Division



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA,  
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY,  
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



U.S.G.S.

CLINTWOOD, VA.-KY.  
NW4 CLINTWOOD 15' QUADRANGLE  
N3707.5-W8222.5/7.5

1963  
AMS 4558 III NW-SERIES V834

JUL 27 1965  
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