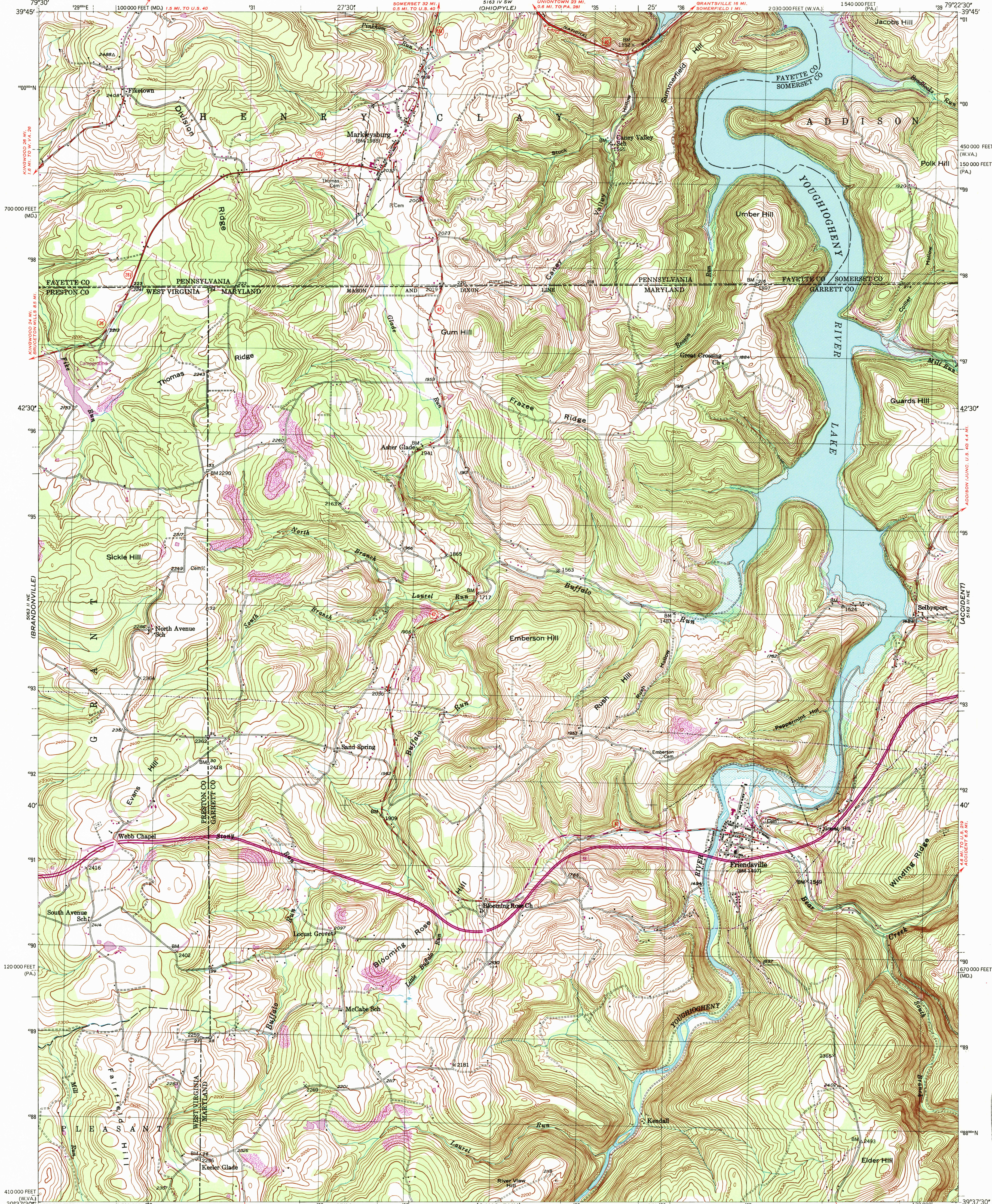


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

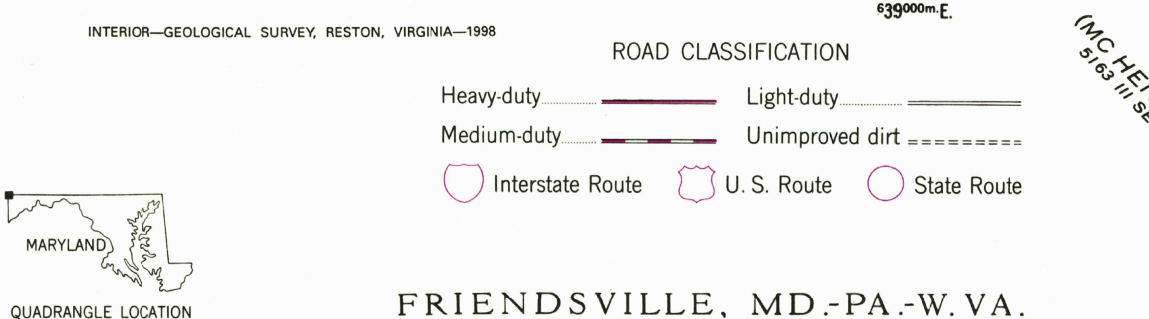
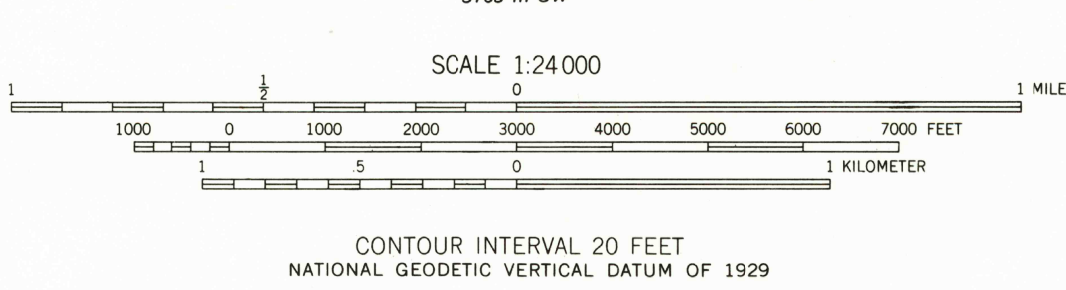
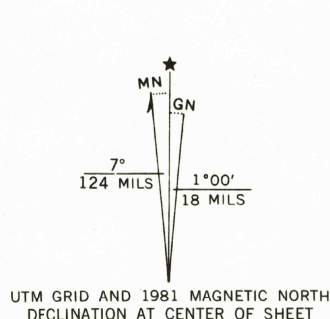
STATE OF MARYLAND  
MARYLAND GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
TOPOGRAPHIC AND GEOLOGIC SURVEY

FRIENDSVILLE QUADRANGLE  
MARYLAND-PENNSYLVANIA-  
WEST VIRGINIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey  
Control by USGS, NOS/NOAA, and USCE  
Topography by photogrammetric methods from aerial photographs  
taken 1946. Field checked 1947  
Polyconic projection. 10,000-foot grid ticks based on Maryland  
coordinate system, Pennsylvania coordinate system, south zone and  
West Virginia coordinate system, north zone  
1927 North American Datum  
1000-meter Universal Transverse Mercator grid, zone 17  
To place on the predicted North American Datum 1983  
move the projection lines 5 meters south and 20 meters  
west as shown by dashed corner ticks  
Blue hatching indicates areas subject to controlled inundation  
Normal pool elevation 1439 feet. Spillway elevation 1468 feet



FRIENDSVILLE, MD-PA-W.VA.

1947  
PHOTOREVISED 1981  
DMA 5163 III NW-SERIES V835

Revisions shown in purple and woodland compiled in cooperation with  
Commonwealth of Pennsylvania agencies from aerial photographs taken 1974  
and other sources. This information not field checked. Map edited 1981

USGS MAP HISTORICAL  
MAP ARCHIVES  
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