



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)

Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USED
Topography from aerial photographs by multiplex methods.
Aerial photographs taken 1946; field check, 1947.
Polyconic projection, 1927 North American datum.
10,000-foot grids based on Maryland coordinate system,
Pennsylvania coordinate system, south zone and
West Virginia coordinate system, north zone.
Blue hatching indicates areas subject to controlled inundation.
Normal pool elevation 1439 feet. Spillway elevation 1468 feet.
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue.
Revisions shown in purple compiled from aerial photographs
taken 1974. This information not field checked

SCALE 1:24,000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
Heavy-duty... **4 LANE 16 LANE** Improved dirt...
Medium-duty... **4 LANE 16 LANE** Unimproved dirt...
Loose-surface, graded, or narrow hard-surface...
U. S. Route State Route

UTM GRID AND 1974 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

FRIENDSVILLE, MD-PA-W.VA.
N3937.5-W7922.5-7.5
USGS
Historical File
Topographic Division

1947
PHOTOREVISED 1974
AMS 5163 III NW-SERIES V833

MAR 11 1976