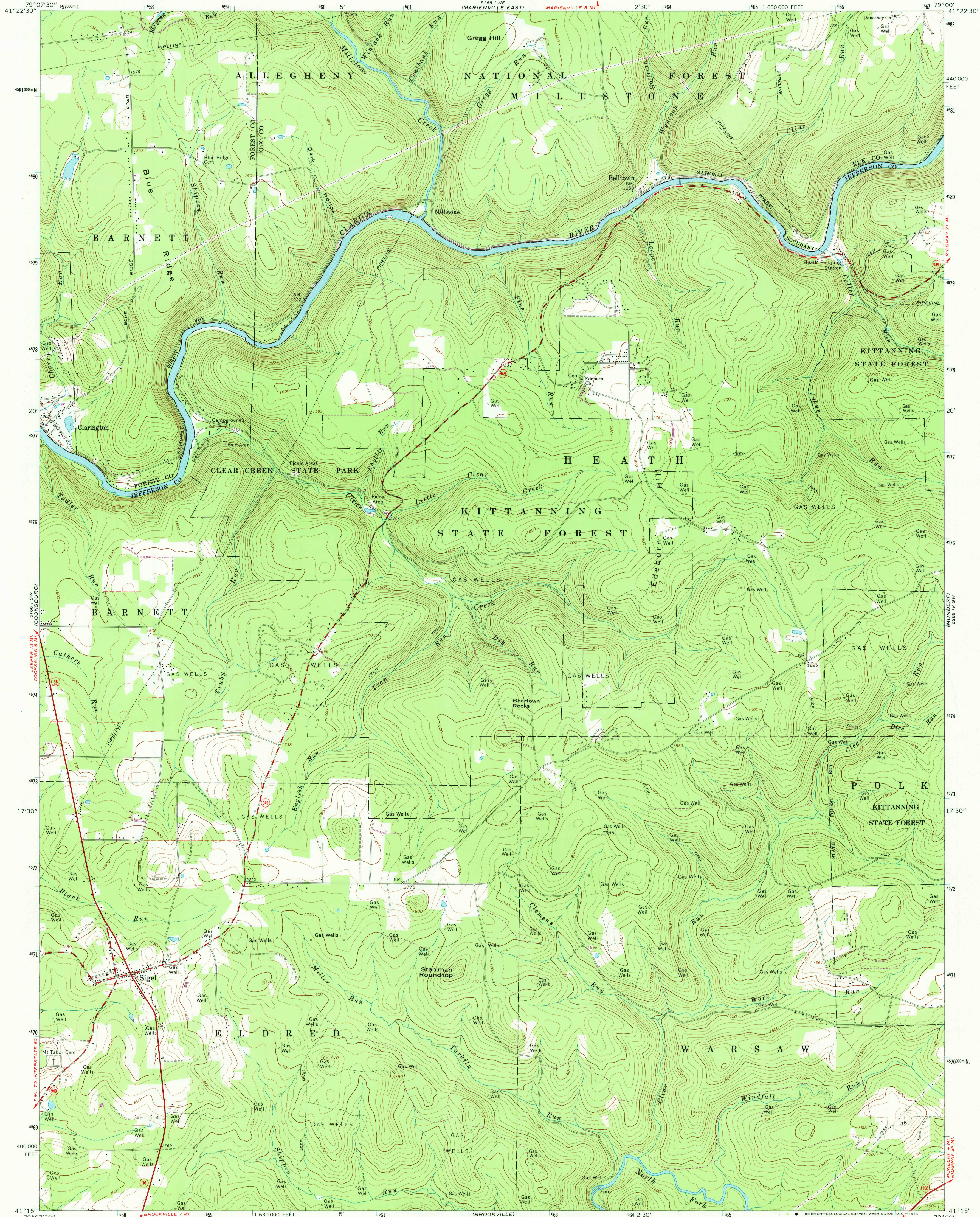




Mapped, edited, and published by the Geological Survey

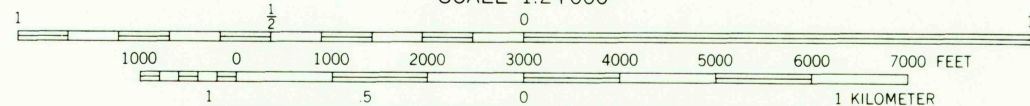
Control by USGS and USCGS

Topography by photogrammetric methods from aerial photographs taken 1967 and 1968. Field checked 1967

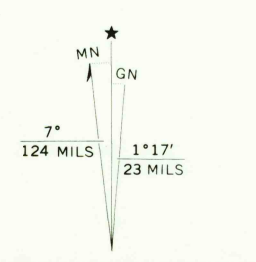
Polyconic projection. 1927 North American datum. 10,000-foot grid based on Pennsylvania coordinate system, north zone. 1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1973. This information not field checked

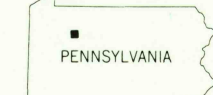


CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
State Route



USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

SIGEL, PA.
SE/4 MARIENVILLE 15' QUADRANGLE
N4115—W7900/7.5

1967
PHOTOREVISED 1973
AMS 5166 I SE—SERIES V831

DEC 20 1973

3715