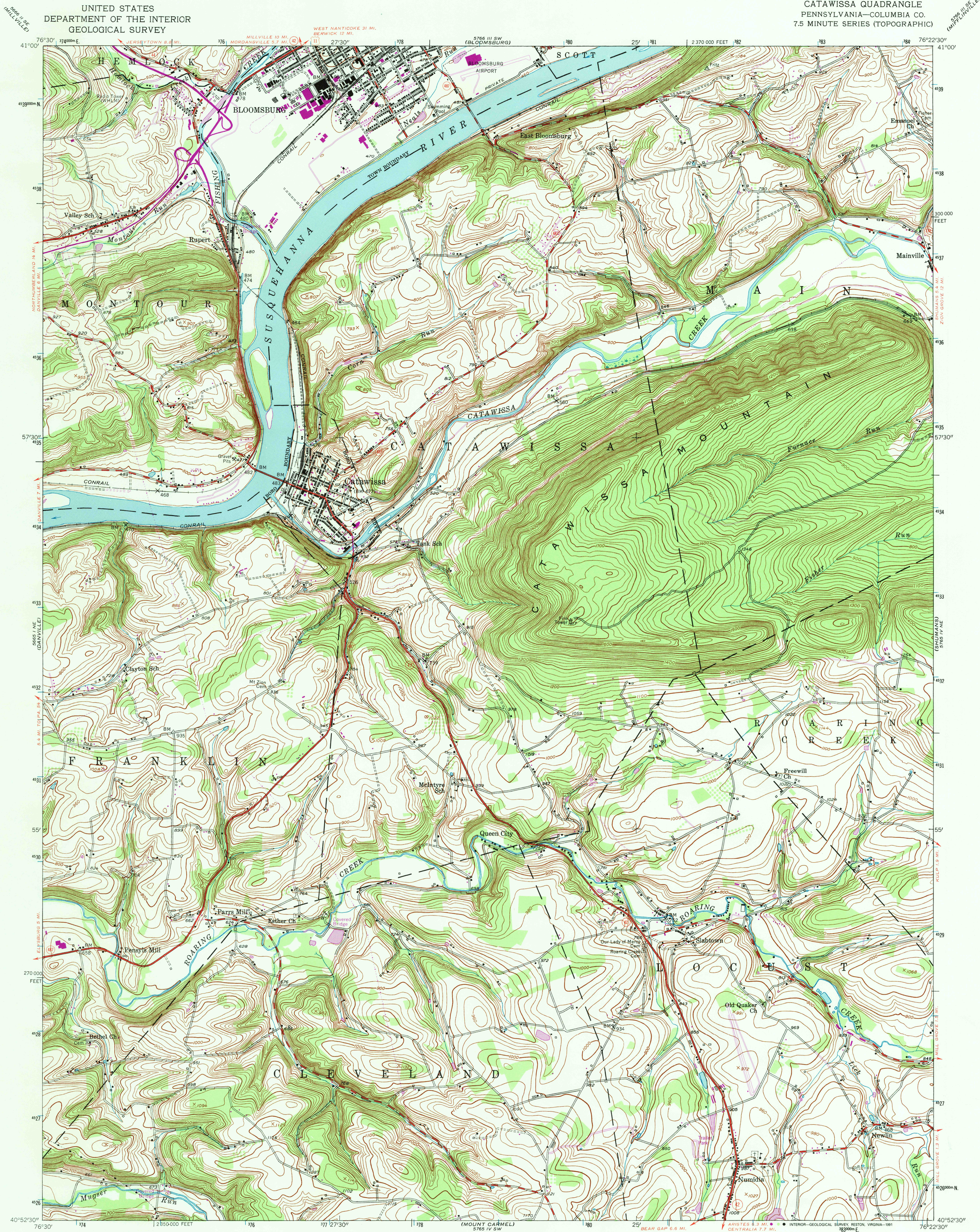


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

CATAWISSA QUADRANGLE  
PENNSYLVANIA—COLUMBIA CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



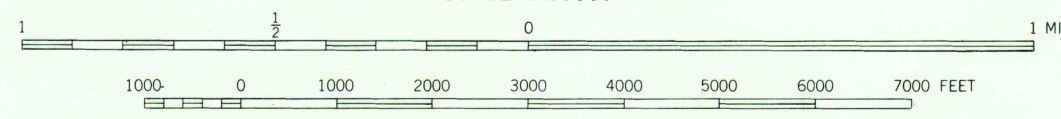
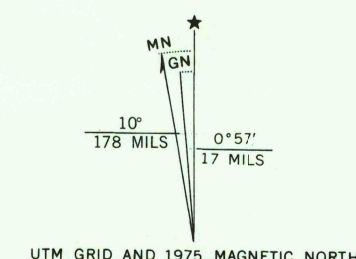
Mapped, edited, and published by the Geological Survey  
Control by USGS and USCGS

Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1942. Field check 1944  
Culture revised 1955

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 18, shown in blue

Revisions shown in purple compiled in cooperation with  
State of Pennsylvania agencies from aerial photographs  
taken 1969 and 1975. This information not field checked

Map photorevised 1984  
No major culture or drainage changes observed

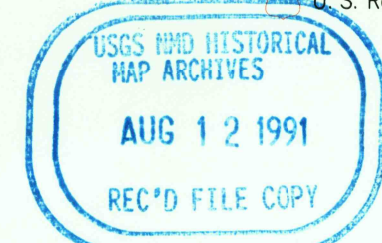
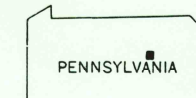


CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
U. S. Route ——— State Route ———



CATAWISSA, PA.

N 4052.5—W 7622.5/7.5  
PHOTOINSPECTED 1984  
1955  
PHOTOREVISED 1969 AND 1975  
AMS 5765 IV NW—SERIES V831