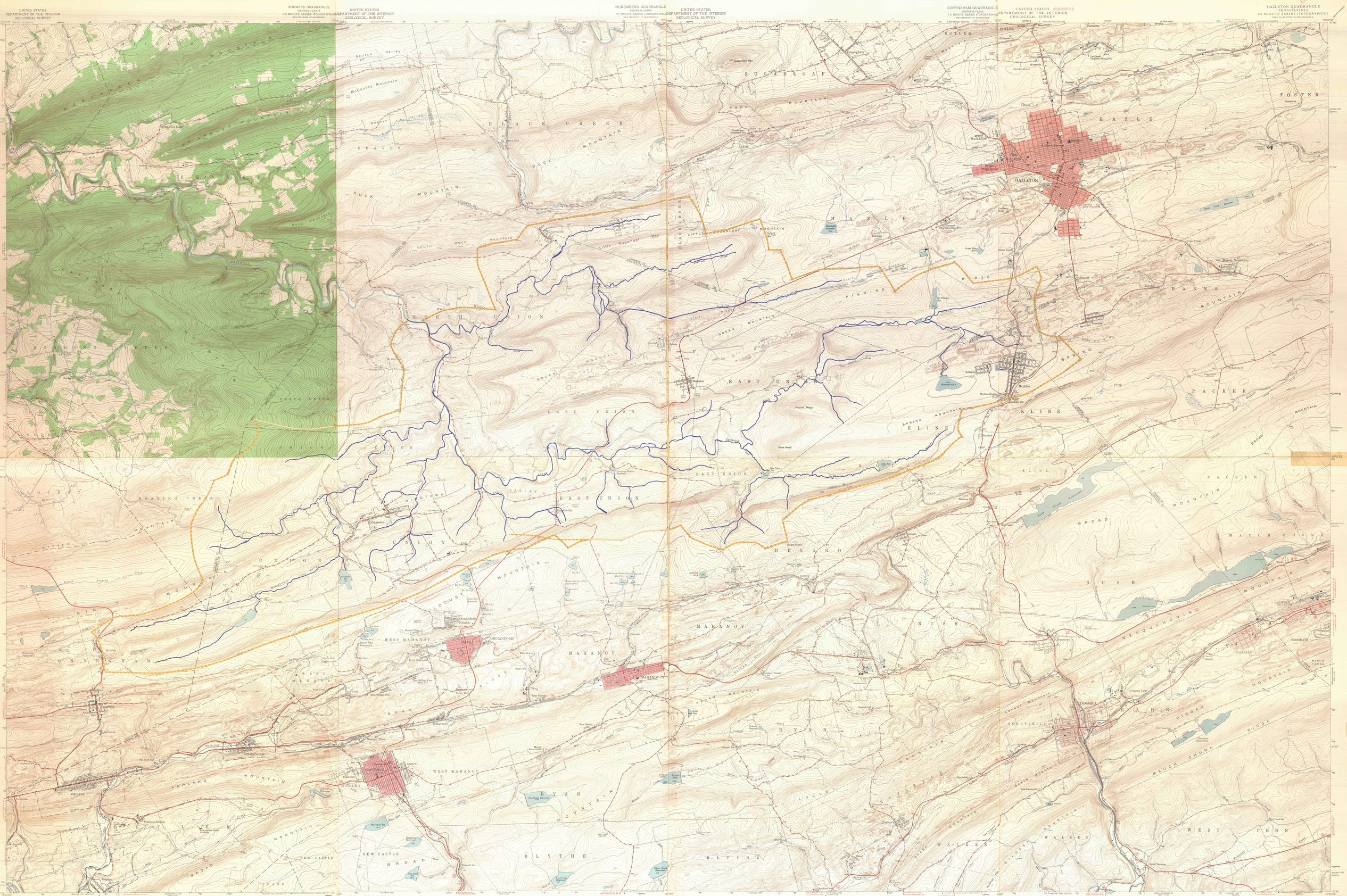
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SHUMANS QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NUREMBERG QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
CONYNGHAM QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
HAZLETON QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
HAZLETON
SUGARLOAF
BLACK CREEK
BEAVER
NORTH UNION
EAST UNION
KLINE
DELANO
RUSH
MAHANOY
RYAN
BLYTHE
WEST MAHANOY
CONYNGHAM
BUTLER
FOSTER
BANKS
PACKER
MAUCH CHUNK
WEST PENN
WALKER
NEW CASTLE
SHENANDOAH
MAHANOY CITY
TAMAQUA
McAdoo
Blue Head
Round Head
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1946
Culture revised 1953
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, south and north zones
Unclassified elevations are shown in brown
1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue
SCALE 1:24000
ROAD CLASSIFICATION
Heavy-duty
Light-duty
Medium-duty
Unimproved dirt
U. S. Route
State Route
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 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST
ASHLAND, PA.
DELANO, PA.
TAMAQUA, PA.
1942
1954
1965
1961