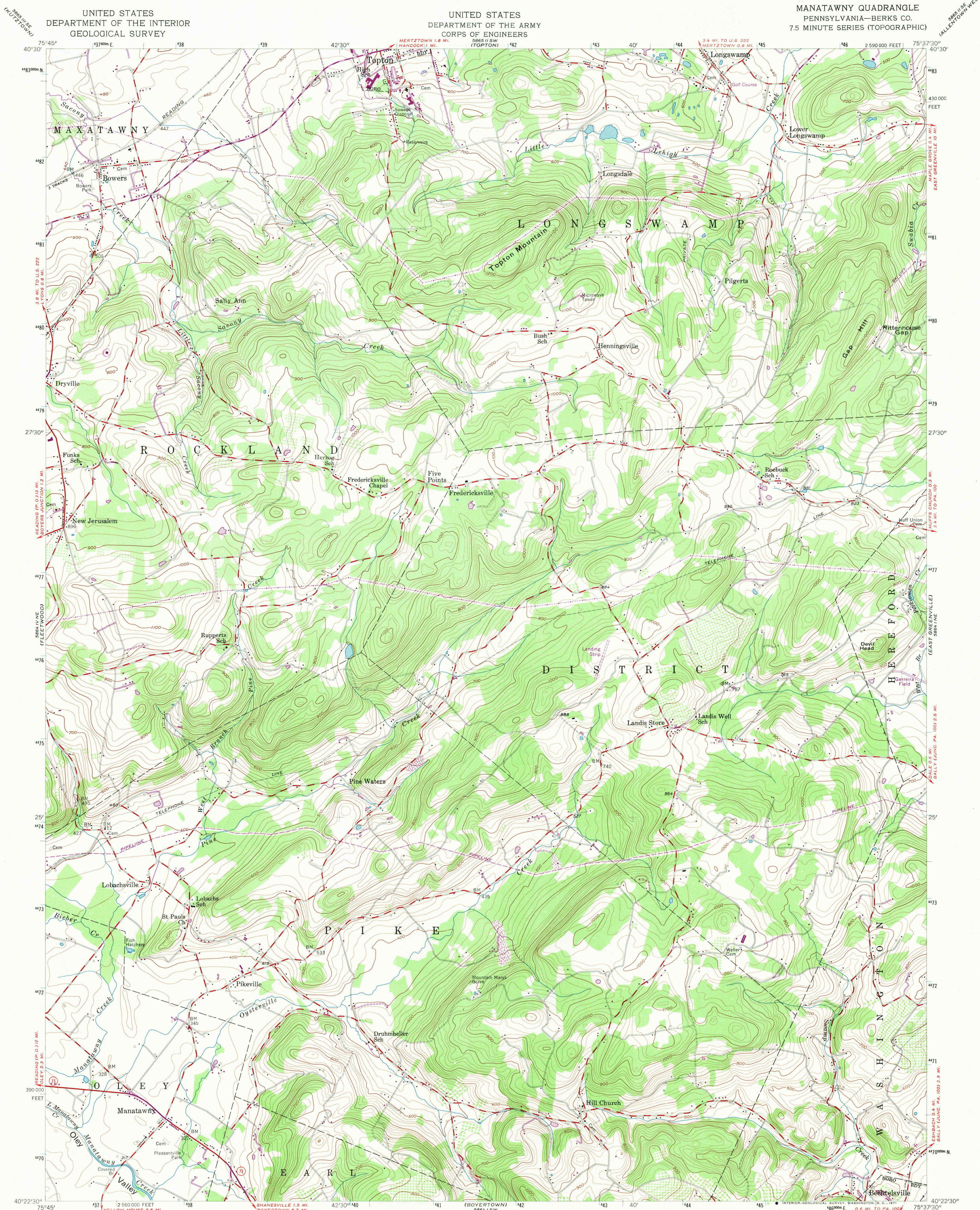
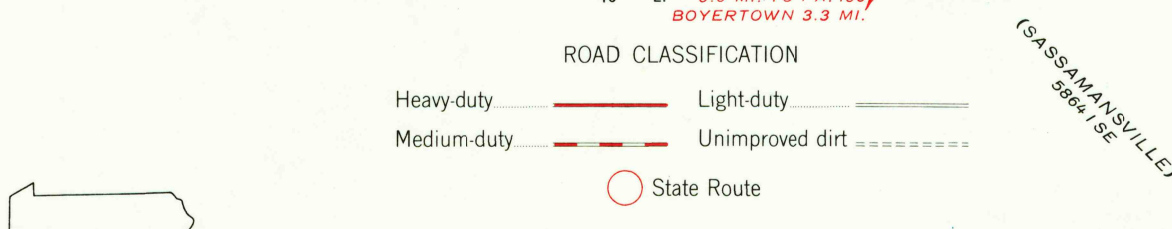
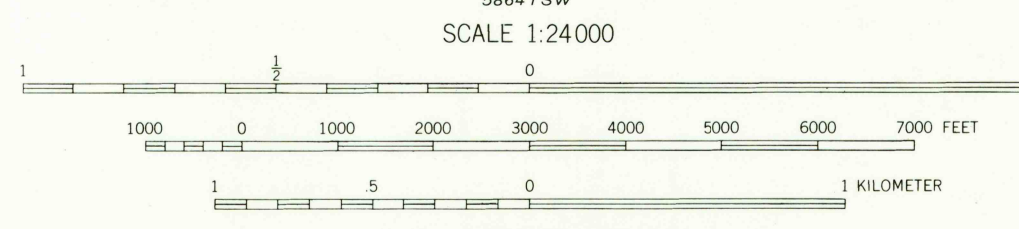
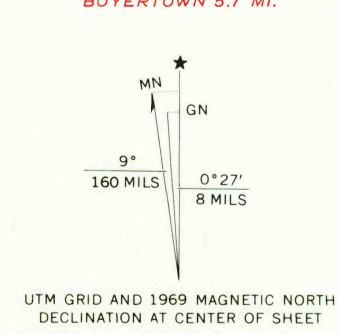




Maped by the Army Map Service
Edited and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods.
Aerial photographs taken 1942. Field check 1943
Culture revised by the Geological Survey 1957
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue
Revisions shown in purple compiled by the Geological Survey in
cooperation with State of Pennsylvania agencies from aerial
photographs taken 1969. This information not field checked



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

MANATAWNY, PA.
N 4022.5 - W 7537.5/7.5
1957
PHOTOREVISED 1969
AMS 5864 1 NW—SERIES V831

2570
AUG 4 1971
USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION