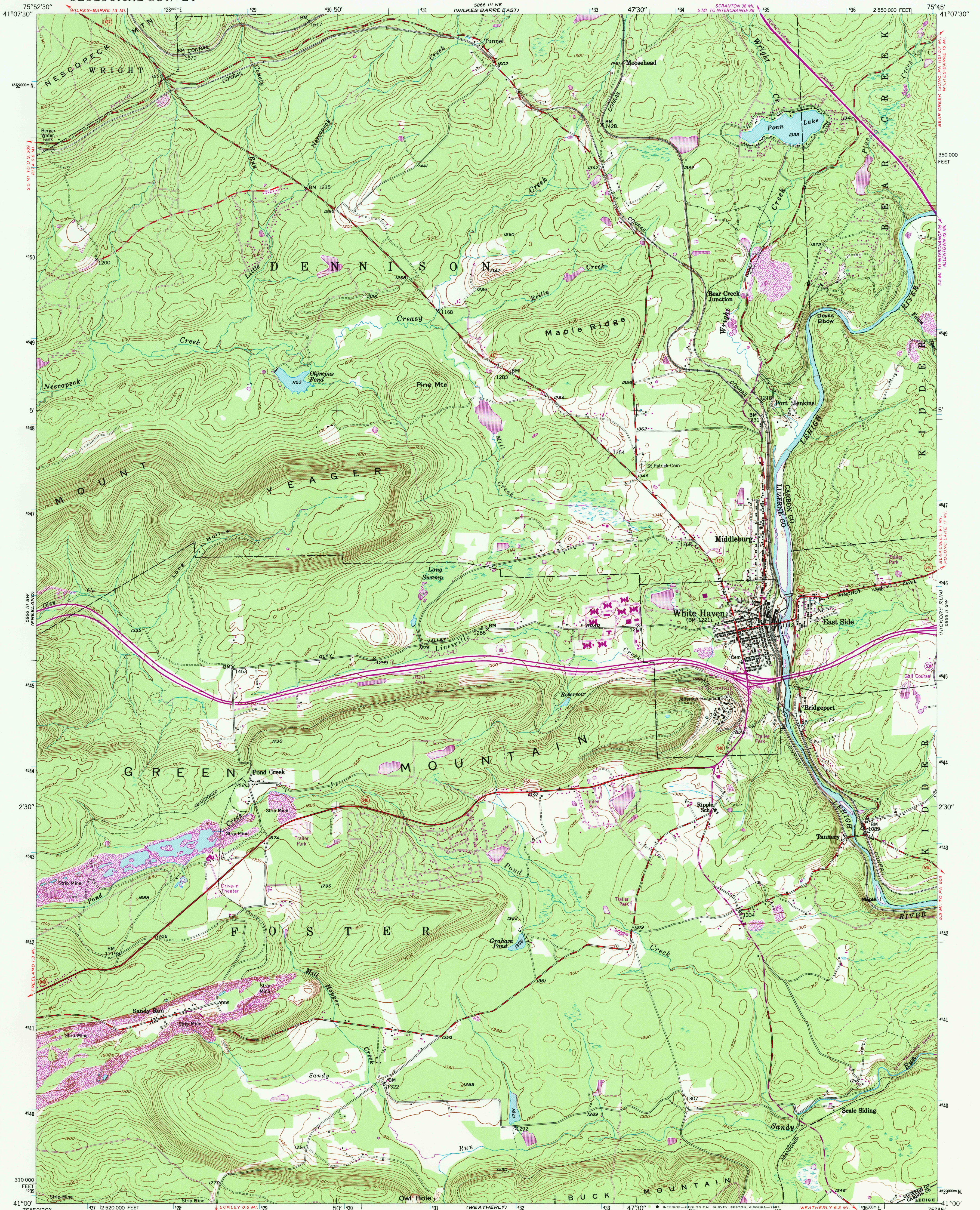


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WHITE HAVEN QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

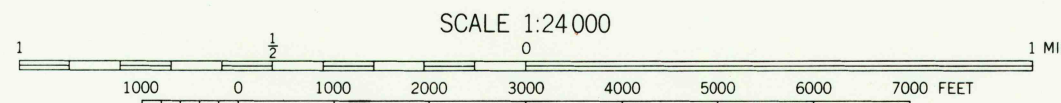
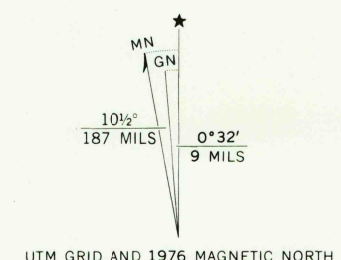


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1947

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



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

Map photoinspected 1980
No major culture or drainage changes observed

ROAD CLASSIFICATION	
Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
Interstate Route	State Route



WHITE HAVEN, PA.

PHOTOINSPECTED 1980
N4100-W7545/7.5
1947
PHOTOREVISED 1969 AND 1976
AMS 5666 III SE-SERIES V831

AUG 12 1983

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES