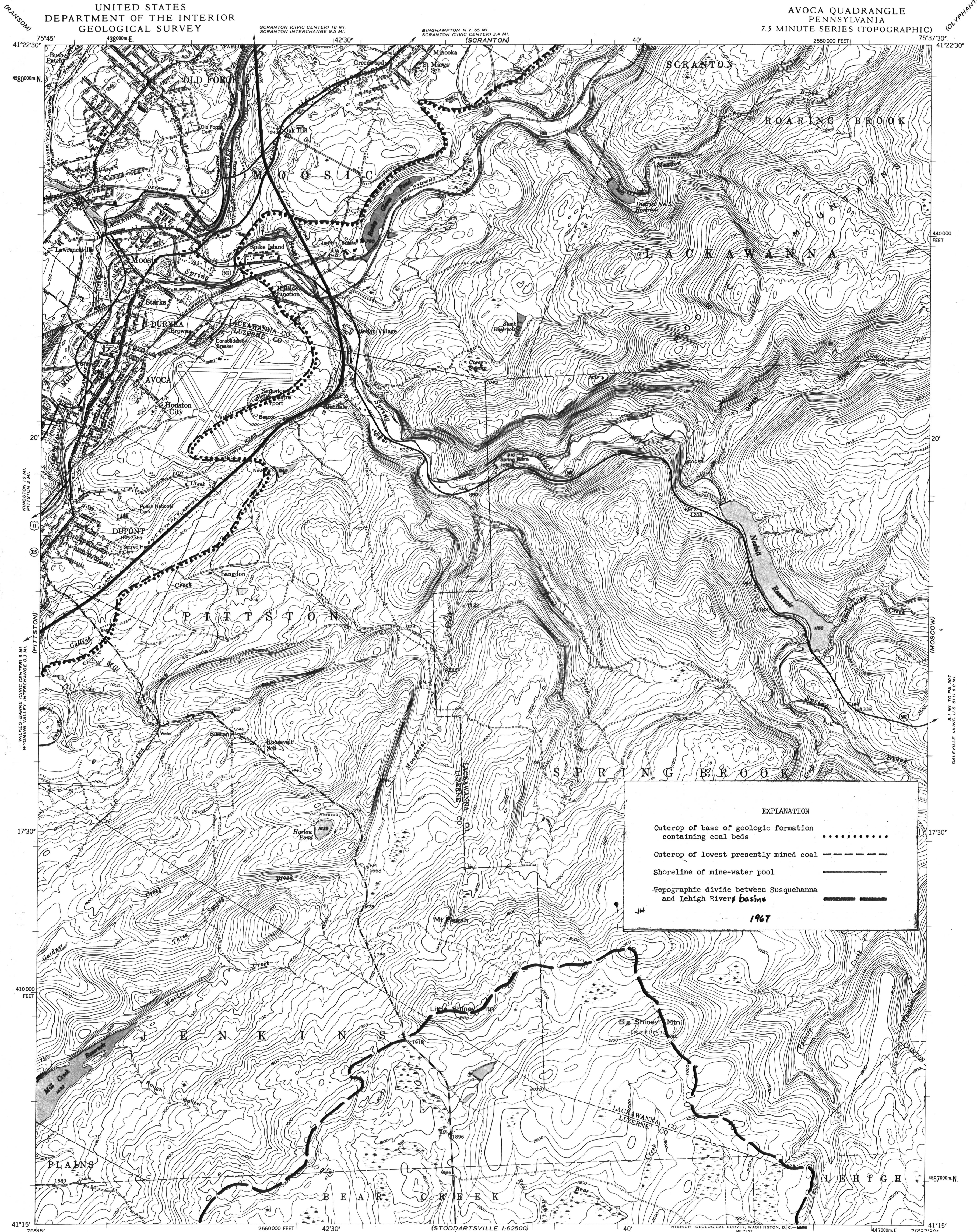


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AVOCA QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

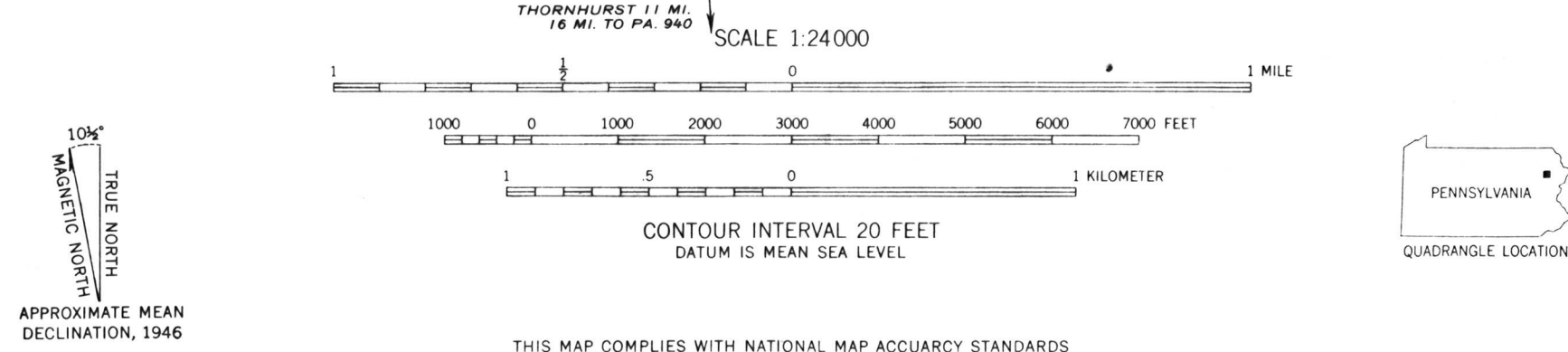


EXPLANATION

Outcrop of base of geologic formation containing coal beds
Outcrop of lowest presently mined coal - - - - -
Shoreline of mine-water pool _____
Topographic divide between Susquehanna and Lehigh River basins - - - - -

1967

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.
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
north zone.
Contours in strip mine areas compiled from 1942 photography
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue



ROAD CLASSIFICATION

Heavy-duty _____ Light-duty _____
Medium-duty _____ Unimproved dirt _____
U.S. Route _____ State Route _____

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

AVOCA, PA.
N4115-W7537.5/7.5
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