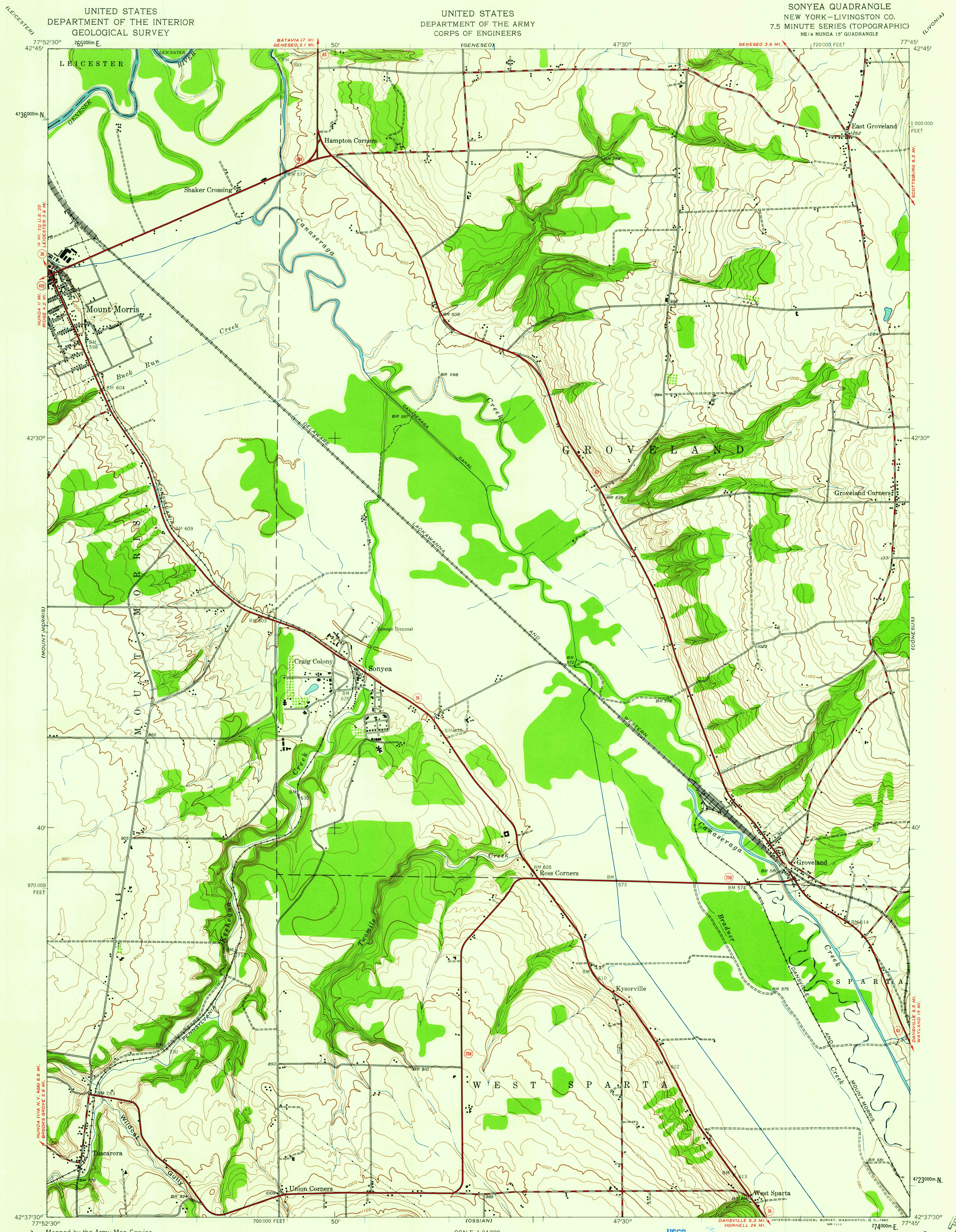
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

SONYEA QUADRANGLE
NEW YORK–LIVINGSTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 NUNDA 15′ QUADRANGLE



INTERIOR–GEOLOGICAL SURVEY, WASHINGTON, D. C.–1960
MR 1117

Mapped by the Army Map Service
Published for civil use by the Geological Survey

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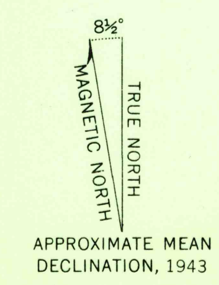
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1942. Field check 1943

Polyconic projection. 1927 North American datum
10,000-foot grid based on New York coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue



APPROXIMATE MEAN
DECLINATION, 1943

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

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

USGS
Historical File
Topographic Division

ROAD CLASSIFICATION

Heavy-duty	🟥	Light-duty	═
Medium-duty	🟥	Unimproved dirt	┅

○ State Route

QUADRANGLE LOCATION

SONYEA, N. Y.
NE/4 NUNDA 15′ QUADRANGLE
N4237.5—W7745/7.5

1943

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