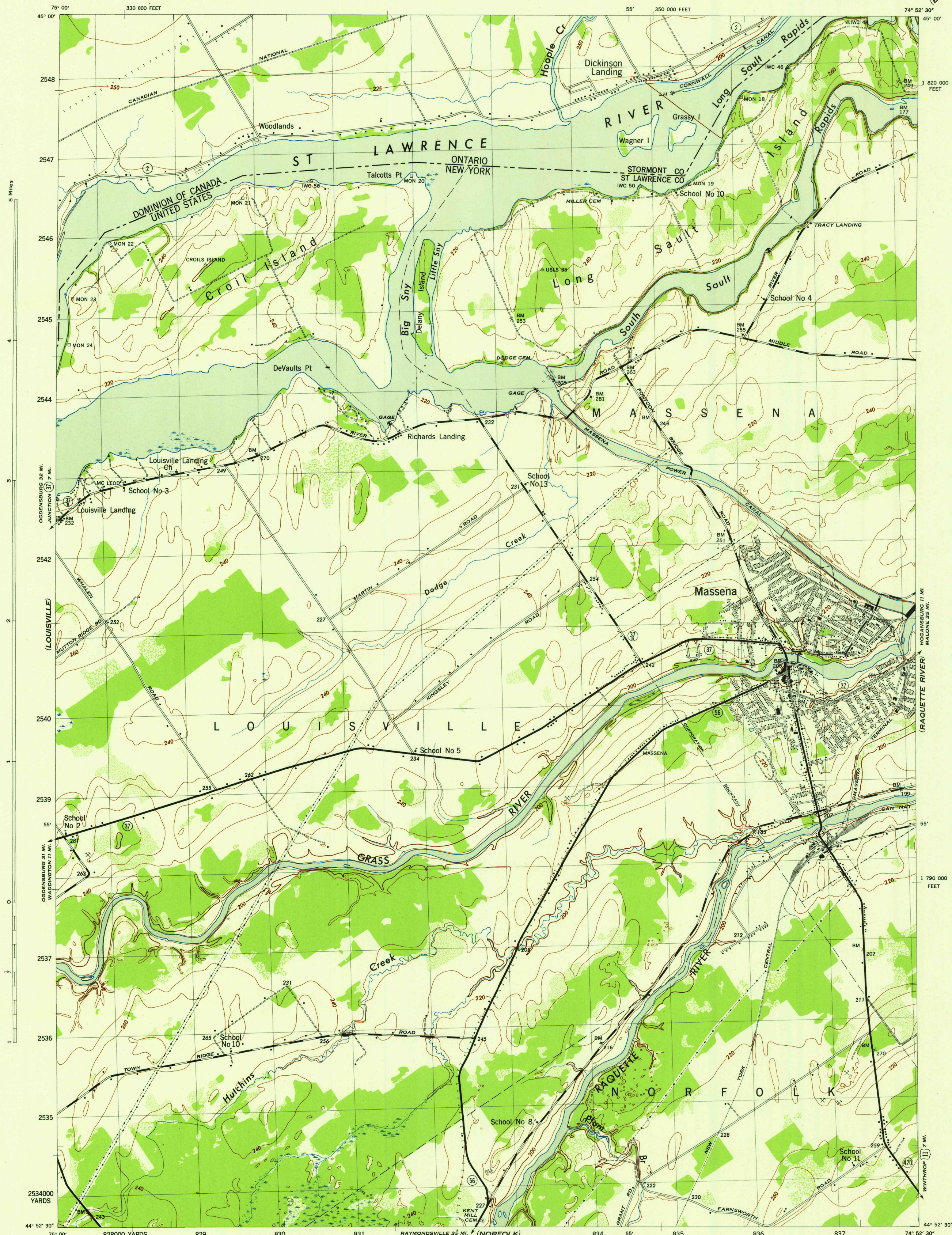


NEW YORK-ONTARIO 1:31,680

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

MASSENA QUADRANGLE
7½-MINUTE SERIES

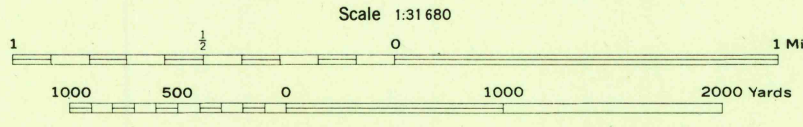
(BARNHART ISLAND)



Maped by Tennessee Valley Authority under direction of the Chief of Engineers, U. S. Army, 1942.
Control by USC&GS, USGS, U. S. Lake Survey, International Waterways Commission, and TVA.
Topography by Tennessee Valley Authority plane-table surveys.
Culture and drainage in part compiled from aerial photographs.
Wide-angle photography by TVA, 1942.
Polyconic projection, 1927 North American datum.
Canadian topography projected from maps of Canadian Department of National Defense, 1904. Revised 1937.
Canadian planimetry revised from aerial photographs, 1942. Not field inspected.

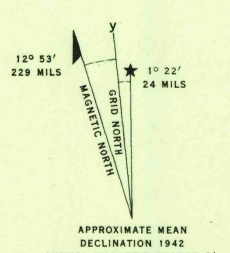
ROAD CLASSIFICATION
Dependable hard-surface, heavy-duty road. Loose-surface graded, dry weather road. U. S. Route 11
Secondary, hard-surface, all-weather road. Dirt road. State Route 56
More than two lanes indicated by note along road with tick at point of change. 3 LANE, 4 LANE

THIS MAP COMPLEIES WITH THE NATIONAL STANDARD MAP ACCURACY REQUIREMENTS.



CONTOUR INTERVAL 20 FEET U. S.
CONTOUR INTERVAL 25 FEET CANADA
DATUM IS MEAN SEA LEVEL

ONE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS IN THE U. S." ZONE A, U. S. C. & G. S. SPECIAL PUBLICATION NO. 59
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE SHOWN
TEN THOUSAND FOOT GRID BASED ON NEW YORK PLANE COORDINATE SYSTEM, EASTERN ZONE
NOTE: OFFICERS USING THIS MAP WILL MAKE HEREON CORRECTIONS AND ADDITIONS WHICH COME TO THEIR ATTENTION AND MAIL DIRECT TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.



REPRODUCED BY THE TENNESSEE VALLEY AUTHORITY 120104

WOODLAND CLASSIFICATION
Dense woodland
Dense brush
Scattered brush and trees
Orchard
Vineyard

MASSENA, N. Y.-ONT.
N4452.5-W7452.5/7.5
EDITION OF 1943

USGS
Historical File
Topographic Division