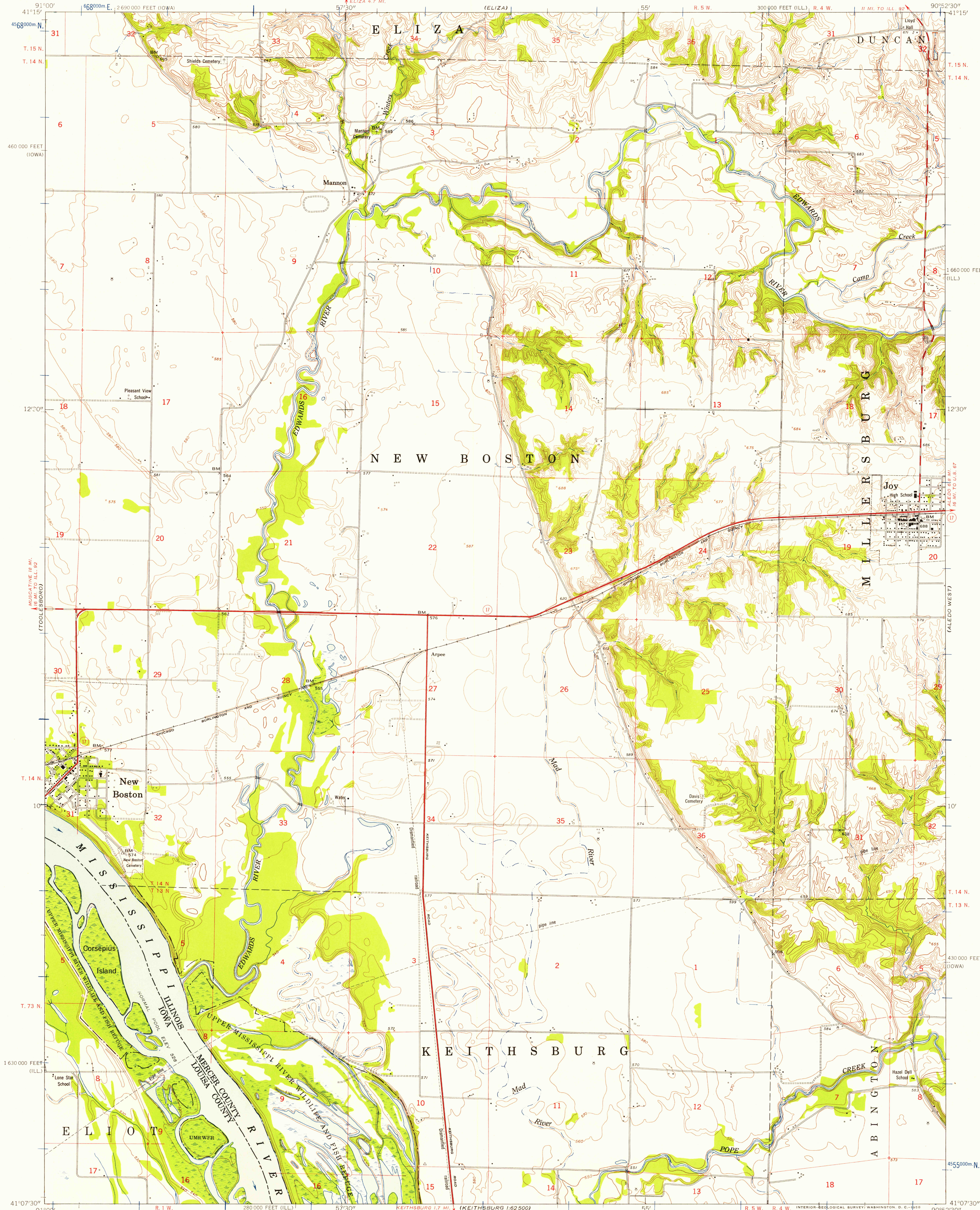


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

JOY QUADRANGLE
ILLINOIS—IOWA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 KEITHSBURG 15' QUADRANGLE



Mapped by the Army Map Service
Published for civil use by the Geological Survey
Control by USGS, USCGS, and USCE
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1952-1953. Field check 1953
Polyconic projection. 1927 North American datum
10,000-foot grids based on Illinois coordinate system,
west zone, and Iowa coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Unchecked elevations are shown in brown

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1953

SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.
THE STATE GEOLOGICAL SURVEY, URBANA, ILLINOIS
AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA
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

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION
JOY, ILL.—IOWA
NW/4 KEITHSBURG 15' QUADRANGLE
N 41°07.5'—W 90°52.5' 7.5
1953

FEB 20 1958
2920