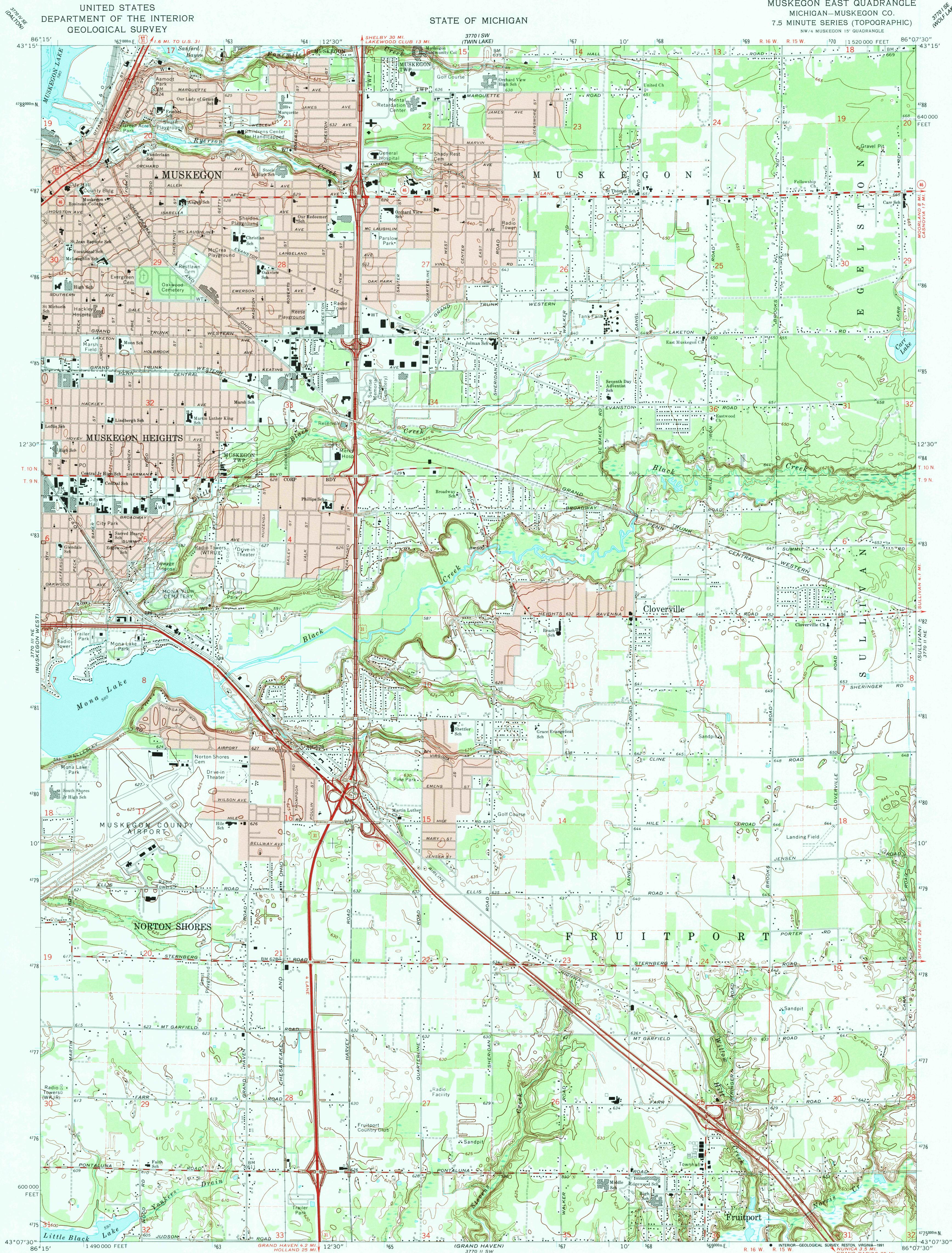




Mapped, edited, and published by the Geological Survey
in cooperation with State of Michigan agencies
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1969. Field checked 1972
Selected hydrographic data compiled from U. S. Lake Survey
Chart 767 (1972). This information is not intended for navigational purposes
Projection and 10,000-foot grid ticks: Michigan coordinate
system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue 1927 North American datum
Red tint indicates areas in which only landmark buildings are shown
Fine red dashed lines indicate selected fence and field lines
where generally visible on aerial photographs
This information is uncorrected

Map photoinspected 1980
No major culture or drainage changes observed

SCALE 1:24,000
1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 10 KILOMETER
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS LOW WATER 576.8 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

The difference between 1927 North American Datum and North
American Datum of 1983 (NAD 83) for 7.5-minute intersections
is given in USGS Bulletin 1875. The NAD 83 is shown by
dashed corner ticks

ROAD CLASSIFICATION
Primary highway, hard surface ——— Light-duty road, hard or improved surface
Secondary highway, hard surface ——— Unimproved road ———
○ Interstate Route ○ U. S. Route ○ State Route

MUSKEGON EAST, MICH.
NW 1/4 MUSKEGON 15' QUADRANGLE
43086-B2-TF-024

1972
PHOTOINSPECTED 1980
DMA 3770 II NW—SERIES Y862

USGS HISTORICAL
MAP ARCHIVES
SEP 13 1991
REC'D FILE COPY