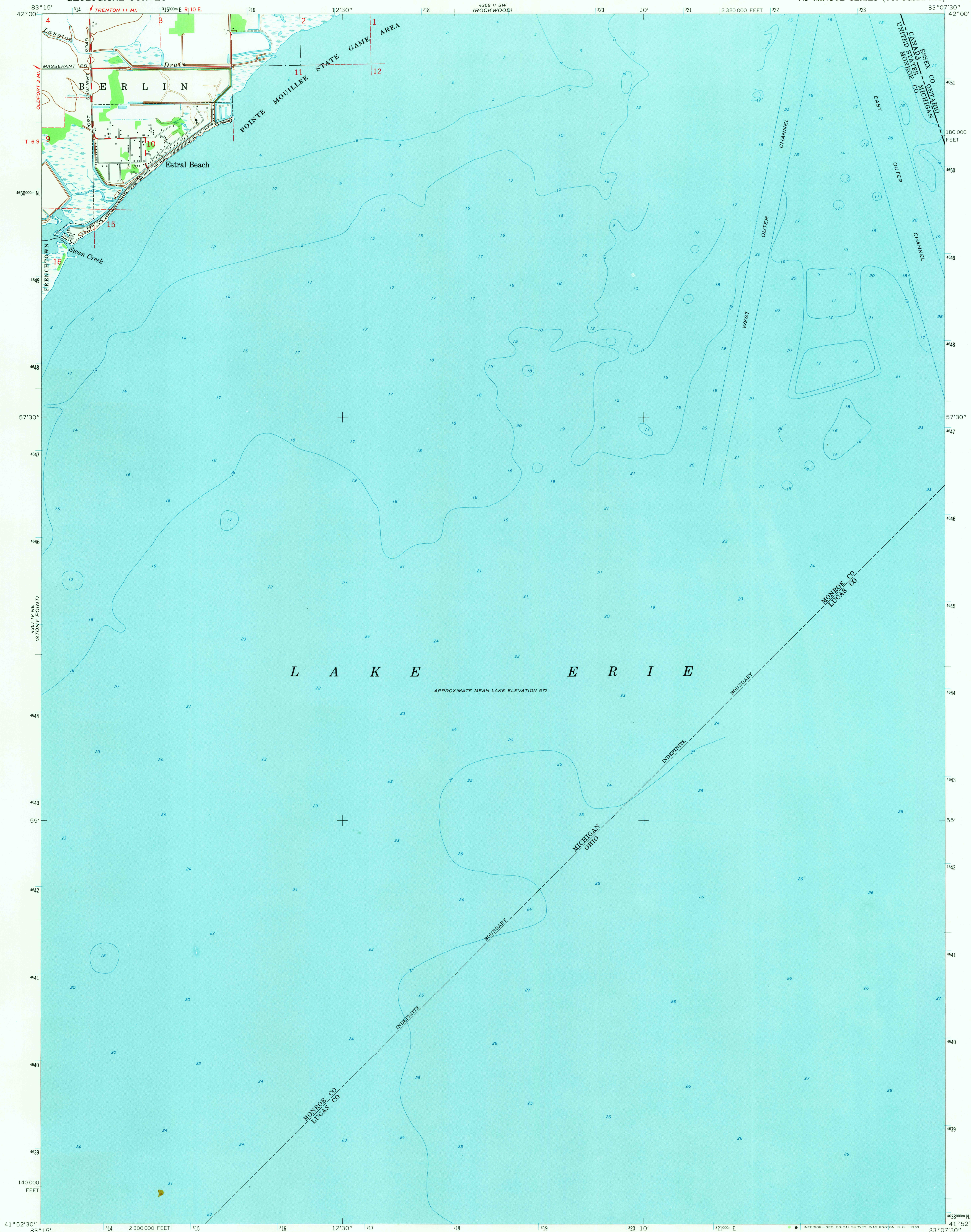
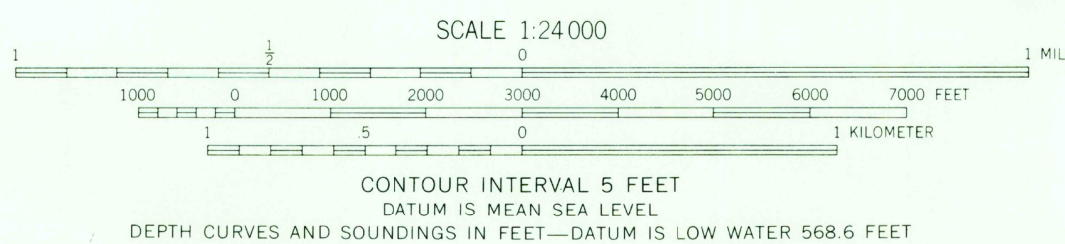
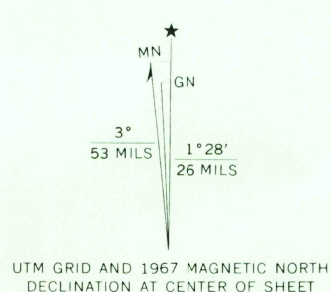


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ESTRAL BEACH QUADRANGLE
MICHIGAN—OHIO—ONTARIO
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
in cooperation with State of Michigan agencies
Control by USGS and USC&GS
Planimetry by photogrammetric methods from aerial photographs
Topography by planetable surveys 1940. Revised 1967
Selected hydrographic data compiled from U. S. Lake
Survey Charts 37 (1965) and 41 (1966)
This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



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

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Historical File
Topographic Division

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ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt ———

ESTRAL BEACH, MICH.—OHIO—ONT.
N4152.5—W8307.5/7.5

1967

AMS 4367 1 NW—SERIES V862

SEP 25 1969