UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WISCONSIN
DIVISION OF HIGHWAYS
GEOLOGICAL AND NATURAL HISTORY SURVEY

STURGEON BAY EAST QUADRANGLE

WISCONSIN—DOOR CO.
7.5 MINUTE SERIES (TOPOGRAPHIC—BATHYMETRIC)
SE/4 STURGEON BAY 15' QUADRANGLE

87°22'30" 44°52'30" 87°15' 44°45'

Mapped, edited, and published by the Geological Survey and the National Ocean Survey in cooperation with the Wisconsin Division of Highways and Wisconsin Geological and Natural History Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1954-55. Revised from aerial photographs taken 1978 Field checked 1980. Map edited 1981

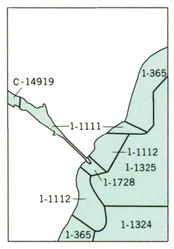
Bathymetry compiled by the National Ocean Survey from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Wisconsin coordinate system, central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 16
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters north and 5 meters east as shown by dashed corner ticks

Red tint indicates area 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 unchecked

NATIONAL OCEAN SURVEY
HYDROGRAPHIC SURVEY INDEX



HYDROGRAPHIC SURVEY INFORMATON

Survey Number	Survey Date	Survey Scale	Survey Line spacing (Naut. Miles)
1-365	1866	1:16,000	.07-.27
1-1111	1906	1:10,000	.02-.10
1-1112	1906	1:10,000	.02-.11
1-1324	1915	1:20,000	.05-.50
1-1325	1915	1:20,000	.05-.45
1-1728	1937	1:10,000	.03-.09
NOS CHART 14919	AUG. 2, 1980	1:10,000	

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 2.5 FOOT CONTOURS ALONG SHORELINE
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 1 METER
WITH SUPPLEMENTARY 0.5 METER CONTOURS
DATUM IS LOW WATER 576.8 FEET
INTERNATIONAL GREAT LAKES DATUM OF 1955

QUADRANGLE LOCATION

ROAD CLASSIFICATION

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

CONVERSION SCALES

Feet	Meters
15000	4500
14000	
13000	4000
12000	
11000	3500
10000	3000
9000	
8000	2500
7000	2000
6000	
5000	1500
4000	
3000	1000
2000	500
1000	0
0	

Feet	Meters
1	.3048
2	.6096
3	.9144
4	1.2192
5	1.5240
6	1.8288
7	2.1336
8	2.4384
9	2.7432
10	3.0480

To convert feet to meters multiply by .3048

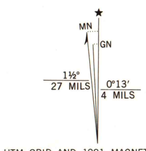
To convert meters to feet multiply by 3.2808

DEPTH GRADIENTS

Meters	Feet
0	0
5	16.4
10	32.8
15	49.2
20	65.6
25	82.0

LAND
Maximum depth

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AT THE DATE OF THE SURVEY
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092
NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
AND WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY
MADISON, WISCONSIN 53706
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

STURGEON BAY EAST, WIS.
SE/4 STURGEON BAY 15' QUADRANGLE
44087-G3-TF-024

1981

DMA 3573 IV SE—SERIES V861

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES

USGS NMD HISTORICAL MAP
MAY 17 1989
REC'D FILE COPY

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989