



THE NATION'S CHARTMAKER SINCE 1807  
UNITED STATES - EAST COAST  
CONNECTICUT

# NORTH SHORE OF LONG ISLAND SOUND HOUSATONIC RIVER AND MILFORD HARBOR

Mercator Projection  
Scale 1:20,000 at Lat. 41°12'  
North American Datum of 1983  
(World Geodetic System 1984)  
SOUNDINGS IN FEET  
AT MEAN LOWER LOW WATER  
Additional information can be obtained at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

**HORIZONTAL DATUM**  
The horizontal datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.347' northward and 1.610' eastward to agree with this chart.

**CAUTION**  
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.  
During some winter months or when undisturbed by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

**AIDS TO NAVIGATION**  
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

**RACING BUOYS**  
Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

**CAUTION**  
Mariners are warned to stay clear of the protective strap surrounding navigational light structures.

**RADAR REFLECTORS**  
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

**NOTE Z**  
NO-DISCHARGE ZONE, 40 CFR 143  
This chart area, within the limits of a No-Discharge Zone (NDZ), under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD operating and the treated effluent discharge into the water (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA), web site: [http://www.epa.gov/owow/coast/regulatory/vessel\\_sewage/](http://www.epa.gov/owow/coast/regulatory/vessel_sewage/).

**TIDAL INFORMATION**  
Height referred to datum of soundings (MLLW)

NAME	PLACE	(LAT./LONG.)	Mean Higher High Water	Mean High Water	Mean Lower Low Water
Milford Harbor		41°19'N 073°02'W	6.9	6.6	0.2
Shelton		41°18'N 073°03'W	7.4	7.2	0.2

Dashes (-) located in datum columns indicate unavailable datum values for tide station. Real-time water levels, tide predictions, and tide current predictions are available on the internet from <http://tidesandcurrents.noaa.gov>.

**ABBREVIATIONS** (For complete list of Symbols and Abbreviations, see Chart No. 1)  
Aids to Navigation (lights are white unless otherwise indicated):  
AERIAL: aerobeacons  
A: flashing  
B: flash  
C: can  
D: daymark  
F: float  
P: flashing  
R: flashing  
S: flashing  
T: flashing  
W: flashing  
X: flashing  
Y: flashing  
Z: flashing  
AA: flashing  
AB: flashing  
AC: flashing  
AD: flashing  
AE: flashing  
AF: flashing  
AG: flashing  
AH: flashing  
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AJ: flashing  
AK: flashing  
AL: flashing  
AM: flashing  
AN: flashing  
AO: flashing  
AP: flashing  
AQ: flashing  
AR: flashing  
AS: flashing  
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BV: flashing  
BW: flashing  
BX: flashing  
BY: flashing  
BZ: flashing  
CA: flashing  
CB: flashing  
CC: flashing  
CD: flashing  
CE: flashing  
CF: flashing  
CG: flashing  
CH: flashing  
CI: flashing  
CJ: flashing  
CK: flashing  
CL: flashing  
CM: flashing  
CN: flashing  
CO: flashing  
CP: flashing  
CQ: flashing  
CR: flashing  
CS: flashing  
CT: flashing  
CU: flashing  
CV: flashing  
CW: flashing  
CX: flashing  
CY: flashing  
CZ: flashing  
DA: flashing  
DB: flashing  
DC: flashing  
DD: flashing  
DE: flashing  
DF: flashing  
DG: flashing  
DH: flashing  
DI: flashing  
DJ: flashing  
DK: flashing  
DL: flashing  
DM: flashing  
DN: flashing  
DO: flashing  
DP: flashing  
DQ: flashing  
DR: flashing  
DS: flashing  
DT: flashing  
DU: flashing  
DV: flashing  
DW: flashing  
DX: flashing  
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DZ: flashing  
EA: flashing  
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EC: flashing  
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EM: flashing  
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EO: flashing  
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EQ: flashing  
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FA: flashing  
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FK: flashing  
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II: flashing  
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IK: flashing  
IL: flashing  
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IN: flashing  
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IT: flashing  
IU: flashing  
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IW: flashing  
IX: flashing  
IY: flashing  
IZ: flashing  
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JB: flashing  
JC: flashing  
JD: flashing  
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JF: flashing  
JG: flashing  
JH: flashing  
JI: flashing  
JJ: flashing  
JK: flashing  
JL: flashing  
JM: flashing  
JN: flashing  
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JQ: flashing  
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JS: flashing  
JT: flashing  
JU: flashing  
JV: flashing  
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JX: flashing  
JY: flashing  
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KU: flashing  
KV: flashing  
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KX: flashing  
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LK: flashing  
LL: flashing  
LM: flashing  
LN: flashing  
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LP: flashing  
LQ: flashing  
LR: flashing  
LS: flashing  
LT: flashing  
LU: flashing  
LV: flashing  
LW: flashing  
LX: flashing  
LY: flashing  
LZ: flashing  
MA: flashing  
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MC: flashing  
MD: flashing  
ME: flashing  
MF: flashing  
MG: flashing  
MH: flashing  
MI: flashing  
MJ: flashing  
MK: flashing  
ML: flashing  
MM: flashing  
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NT: flashing  
NU: flashing  
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NW: flashing  
NX: flashing  
NY: flashing  
NZ: flashing  
OA: flashing  
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OC: flashing  
OD: flashing  
OE: flashing  
OF: flashing  
OG: flashing  
OH: flashing  
OI: flashing  
OJ: flashing  
OK: flashing  
OL: flashing  
OM: flashing  
ON: flashing  
OO: flashing  
OP: flashing  
OQ: flashing  
OR: flashing  
OS: flashing  
OT: flashing  
OU: flashing  
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QV: flashing  
QW: flashing  
QX: flashing  
QY: flashing  
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SO: flashing  
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SR: flashing  
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ST: flashing  
SU: flashing  
SV: flashing  
SW: flashing  
SX: flashing  
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TQ: flashing  
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TS: flashing  
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TV: flashing  
TW: flashing  
TX: flashing  
TY: flashing  
TZ: flashing  
UA: flashing  
UB: flashing  
UC: flashing  
UD: flashing  
UE: flashing  
UF: flashing  
UG: flashing  
UH: flashing  
UI: flashing  
UJ: flashing  
UK: flashing  
UL: flashing  
UM: flashing  
UN: flashing  
UO: flashing  
UP: flashing  
UQ: flashing  
UR: flashing  
US: flashing  
UT: flashing  
UU: flashing  
UV: flashing  
UW: flashing  
UX: flashing  
UY: flashing  
UZ: flashing  
VA: flashing  
VB: flashing  
VC: flashing  
VD: flashing  
VE: flashing  
VF: flashing  
VG: flashing  
VH: flashing  
VI: flashing  
VJ: flashing  
VK: flashing  
VL: flashing  
VM: flashing  
VN: flashing  
VO: flashing  
VP: flashing  
VQ: flashing  
VR: flashing  
VS: flashing  
VT: flashing  
VU: flashing  
VV: flashing  
VW: flashing  
VX: flashing  
VY: flashing  
VZ: flashing  
WA: flashing  
WB: flashing  
WC: flashing  
WD: flashing  
WE: flashing  
WF: flashing  
WG: flashing  
WH: flashing  
WI: flashing  
WJ: flashing  
WK: flashing  
WL: flashing  
WM: flashing  
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WO: flashing  
WP: flashing  
WQ: flashing  
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WS: flashing  
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WX: flashing  
WY: flashing  
WZ: flashing  
XA: flashing  
XB: flashing  
XC: flashing  
XD: flashing  
XE: flashing  
XF: flashing  
XG: flashing  
XH: flashing  
XI: flashing  
XJ: flashing  
XK: flashing  
XL: flashing  
XM: flashing  
XN: flashing  
XO: flashing  
XP: flashing  
XQ: flashing  
XR: flashing  
XS: flashing  
XT: flashing  
XU: flashing  
XV: flashing  
XW: flashing  
XX: flashing  
XY: flashing  
XZ: flashing  
YA: flashing  
YB: flashing  
YC: flashing  
YD: flashing  
YE: flashing  
YF: flashing  
YG: flashing  
YH: flashing  
YI: flashing  
YJ: flashing  
YK: flashing  
YL: flashing  
YM: flashing  
YN: flashing  
YO: flashing  
YP: flashing  
YQ: flashing  
YR: flashing  
YS: flashing  
YT: flashing  
YU: flashing  
YV: flashing  
YW: flashing  
YX: flashing  
YY: flashing  
YZ: flashing  
ZA: flashing  
ZB: flashing  
ZC: flashing  
ZD: flashing  
ZE: flashing  
ZF: flashing  
ZG: flashing  
ZH: flashing  
ZI: flashing  
ZJ: flashing  
ZK: flashing  
ZL: flashing  
ZM: flashing  
ZN: flashing  
ZO: flashing  
ZP: flashing  
ZQ: flashing  
ZR: flashing  
ZS: flashing  
ZT: flashing  
ZU: flashing  
ZV: flashing  
ZW: flashing  
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ZY: flashing  
ZZ: flashing

**POLLUTION REPORTS**  
Report all spills of oil and hazardous substances to the National Response Center 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (24 CFR 143).

**HOUSATONIC RIVER CHANNEL DEPTHS**  
TABULATED FROM SURVEYS BY THE COAST AND GEODETIC SURVEY, REPORT OF MAR 26 1895 AND SURVEYS TO FEB 2016.

NAME OF CHANNEL	LEFT QUARTER	MIDDLE QUARTER	RIGHT QUARTER	DATE OF SURVEY	PROJECT DIMENSIONS	DEPTH (FEET)
DISTANCE TO BUOY 4				3-16	200	18
BUOY 4 TO BUOY 12	A4.9	13.8	A15.1	3-16	300	13
BUOY 12 TO BUOY 21	A6.7	6.2	A2.9	3-16	300	10
BUOY 21 TO US ROUTE 1 BRIDGE	2.7	7.4	11.7	3-16	150	6.4
US ROUTE 1 BRIDGE TO BUOY 29	10.4	10.4	10.4	3-16	450	6.0

A. DEPTHS UP TO 33 FEET LESS THAN REPORTED 2008 BY DEPT OF CHANNEL LIST.  
B. EXCEPT FOR SHADINGS TO 3.0 FEET IN THE LAST 160 FEET OF THE CHANNEL.  
NOTE - CONSULT THE COAST AND GEODETIC SURVEY FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

**CAUTION**  
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

**CAUTION**  
SUBMARINE PIPELINES AND CABLES  
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:  
Pipeline Area  
Cable Area  
Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in deep water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling. Covered wells may be marked by lighted or unlighted buoys.

**CAUTION**  
BAScule BRIDGE CLEARANCES  
For bascule bridges, whose spans do not open to a full height or vertical position, unlighted clearance is not available for the entire charted horizontal clearance.

**CAUTION**  
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

**SUPPLEMENTAL INFORMATION**  
Consult U.S. Coast Pilot 2 for important supplemental information.

**HEIGHTS**  
Heights in feet above Mean High Water.

**NOAA WEATHER RADIO BROADCASTS**  
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 25 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

**MOBILE, CT** WXJ-42 162.400 MHz  
**NEW YORK, NY** KNO-36 162.500 MHz  
**ROCHESTER, NY** WXR-50 162.475 MHz

**CAUTION**  
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

**NOTE**  
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.  
Refer to charted regulation section numbers.

**CAUTION**  
Fixed and floating obstructions, some submerged, may exist within the magenta lined bridge construction area. Mariners are advised to proceed with caution.

**NOTE A**  
1998-2003 NOS surveys, full bottom coverage  
04 1990-1999 NOS surveys, partial bottom coverage  
05 Pre-1990 NOS surveys, partial bottom coverage

**SOURCE DIAGRAM**  
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been conducted in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically surveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

**SOURCE**  
A 1998-2003 NOS surveys, full bottom coverage  
04 1990-1999 NOS surveys, partial bottom coverage  
05 Pre-1990 NOS surveys, partial bottom coverage

**NOTE B**  
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.  
Refer to charted regulation section numbers.

**CAUTION**  
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**NOTE A**  
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05 Pre-1990 NOS surveys, partial bottom coverage

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**NOTE B**  
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.  
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Refer to charted regulation section numbers.