

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER**

PAGE

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OF

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DATE

TO: The Record

FROM: U.S. Army Corps of Engineers
26 Federal Plaza, ATTN: CENAN-OP-ST
New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
East River, Battery to Throgs Neck Bridge, New York

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n miles)	DEPTH (feet)				
Reach A: Starts approximately 1,580 feet seaward of RED #2 W/LIGHT FLOOD to approximately 1,725 feet seaward of the Brooklyn Bridge	File 5654/D/N2 Sheet 2 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	1,000-1,890	0.92	40	34.0	39.0	39.0	36.0
Reach B: From approximately 1,725 feet seaward of the Brooklyn Bridge to approximately 440 feet landward from the Manhattan Bridge	File 5654/D/N2 Sheets 2 & 3 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	1,000-1,380	0.67	40	15.1	40.9	40.3	11.1
Reach C: From approximately 440 feet landward from the Manhattan Bridge to approximately 680 feet seaward of the Williamsburg Bridge	File 5654/D/N2 Sheet 3 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	1,000-1,270	0.82	40	30.2	39.8	39.5	37.1
Reach D: From approximately 680 feet seaward of the Williamsburg Bridge to approximately 850 feet seaward of GREEN/RED "B" W/ LIGHT FLOOD.	File 5654/D/N2 Sheets 3-5 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	900	1.82	35	33.3	35.8	33.4	34.4
Reach E: From approximately 850 feet seaward of GREEN/RED "B" W/ LIGHT FLOOD to approximately 550 feet landward of Roosevelt Island.	File 5654/D/N2 Sheets 5-7 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	550-1,000	2.49	35	26.8	39.6	34.9	14.9
Reach F: From approximately 550 feet landward of Roosevelt Island to approximately 1,230 feet landward of Hell Gate Bridge.	File 5654/D/N2 Sheet 7 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	650-850	1.23	35	21.2	35.4	32.9	22.7
Reach G: From approximately 1230 feet landward of Hell Gate Bridge to approximate location of CAN #7 EBB.	File 5654/D/N2 Sheets 7 & 8 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	795-1,100	1.60	35	27.0	35.2	35.5	29.7
Reach H: From approximate location of GREEN CAN #7 EBB to approximate location of GREEN CAN #1A SLACK.	File 5654/D/N2 Sheets 8-11 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	1,000	3.58	35	33.2	36.1	34.4	24.7
Reach I: From approximate location of GREEN CAN #1A SLACK to approximately 950 feet landward of NUN #2 SLACK.	File 5654/D/N2 Sheets 11-12 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	1,000	1.63	35	37.2	36.3	37.2	32.1
Reach J: From the south end of the channel at the mouth of Newton Creek to approximately 640 feet seaward of Queensboro Bridge	File 5654/D/N2 Sheets 5 & 6 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	500-2,475	1.22	30	26.5	27.7	24.3	22.1
Reach K: Irregular Area from approximately 650 feet seaward of Williamsburg Bridge to the UN International School (Manhattan)	File 5654/D/N2 Sheets 4 & 5 of 12 19,20 Jan 2026 2, 4, 5, 12, 17, 19, 25, 26 Feb 2026	175-1,040	1.44	25	25.2			

REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

EAST RIVER, BATTERY TO THROGS NECK BRIDGE

- **Reach A:**
 - Minor shoaling exists throughout the beginning of Reach A in between the Left outer and inner quarters of the channel.
 - The controlling depth of -34.0 feet MLLW exists in the Left Outside Quarter approximately 1,304 feet seaward from GREEN #3 W/LIGHT EBB.
- **Reach B:**
 - Shoaling exists intermittently along the Left Outside Quarter channel toe boundary approaching the end of Reach B.
 - The controlling depth of -11.1 feet MLLW exists along the channel toe of the Right Outside Quarter approximately 2881 feet landward from the GREEN #3 W/ LIGHT EBB.
- **Reach C:**
 - Intermittent spot shoaling exists in the Left Outside Quarter in this reach. A small spot shoal exists on the Right Outside Quarter as well.
 - The controlling depth of -30.2 feet MLLW exists along the channel toe of the Left Outside Quarter at the beginning of the Reach, approximately 215 feet landward from the beginning of the reach.
- **Reach D:**
 - There exists no shoaling throughout this reach. A spot shoal exists at the critical depth noted in page 1 of this report.
 - The controlling depth of -33.3 feet MLLW exists in the Left Outside Quarter in this reach, approximately 3017 feet seaward from RED #18 W/ LIGHT EBB.
- **Reach E:**
 - Edge shoaling exists intermittently along the channel's toe in the Left Outside Quarter and the Right Outside Quarter, towards the latter part of this reach.
 - The controlling depth of -14.9 feet MLLW exists along channel toe of the Right Outside Quarter approximately 615 feet seaward from GREEN/RED "B" W/ LIGHT FLOOD.
- **Reach F:**
 - Edge shoaling exists intermittently along the channel's toe in the Left Outside Quarter and the Right Outside Quarter, towards the latter part of this reach.
 - The controlling depth of -21.2 feet MLLW exists in Left Outside Quarter along the channel's toe, approximately 1924 feet seaward from the end of Reach F.
- **Reach G:**
 - There exists no shoaling throughout this reach; A spot shoal exists at the critical depth noted in page 1 of this report.
 - The controlling depth of -27.0 feet MLLW exists at the channel toe of the Left Outside Quarter approximately 1231 feet landward from CAN #7 EBB.
- **Reach H:**
 - Edge shoaling exists along the channel toe of the Left Outside Quarter approximately halfway through the reach.
 - Edge shoaling exists intermittently along the channel toe of the Right Outside Quarter in the beginning of this reach and towards the latter part of this reach.
 - The controlling depth of -24.7 feet MLLW exists along the channel toe of the Right Outside Quarter approximately 1553 feet landward of GREEN #1 W/ LIGHT EBB.
- **Reach I:**
 - There exists no shoaling throughout this reach.
 - The controlling depth of -32.1 feet MLLW exists along the channel toe of the Right Outside Quarter at the end of this reach.
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- **Reach J:**
 - There exists no shoaling throughout this reach. A spot shoal exists at the critical depth noted in page 1 of this report.
 - The controlling depth of -22.1 feet MLLW exists in the Right Outside Quarter at the end of the Reach.
- **Reach K:**
 - There exists no shoaling throughout this reach.
 - The controlling depth of -25.2 feet MLLW exists approximately 1751 feet seaward of RED #18 W/LIGHT EBB.