

**REPORT OF CHANNEL CONDITIONS  
100 TO 400 FEET WIDE**

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DATE: 27 August 2019

**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:**  
Shrewsbury River, New Jersey

**MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
<b>Reach A: Bay to Highlands:</b> Begins in Sandy Hook Bay approximately 115 feet landward of GREEN BUOY #3 W/LIGHT EBB; Ends approximately 495 feet landward of the Route 36 Bridge.	Req. No. 4834/N1/N 2/AL; pgs 1 - 5 of 25; 29 April, 1, 2, 8, 14-17, 20, 31 May, and 3, 12-14 June 2019	300-415	1.83	12	1.0	4.8	4.6
<b>Reach B: Junction of North and South Branch:</b> Begins approximately 495 feet landward of the Route 36 Bridge; Ends at the junction between the North and South Branches, approximately 905 feet landward RED NUN #12 EBB.	Req. No. 4834/N1/N 2/AL; pg 5 of 25; 29 April, 1, 2, 8, 14-17, 20, 31 May, and 3, 12-14 June 2019	150	0.42	9	13.3	10.9	8.5
<b>Reach C: Buoy #38:</b> Begins at junction between the North and South Branches of the project approximately 905 feet landward of RED NUN #12 EBB; Ends approximately at RED NUN W/LIGHT #38 EBB.	Req. No. 4834/N1/N 2/AL; pgs 5-6 and 16-22 of 25; 29 April, 1, 2, 8, 14-17, 20, 31 May, and 3, 12-14 June 2019	150 - 620	3.60	9	5.5	5.2	4.5
<b>Reach D: Sands Point:</b> Begins approximately at RED NUN W/LIGHT #38 EBB; Ends approximately at GREEN CAN #39 EBB.	Req. No. 4834/N1/N 2/AL; pgs 22-23 of 25; 29 April, 1, 2, 8, 14-17, 20, 31 May, and 3, 12-14 June 2019	150	0.49	9	6.6	6.9	2.8
<b>Reach E: Pleasure Bay Bridge:</b> Begins at approximately GREEN CAN #39 EBB; Ends at Pleasure Bay Bridge	Req. No. 4834/N1/N 2/AL; pgs 23-24 of 25; 29 April, 1, 2, 8, 14-17, 20, 31 May, and 3, 12-14 June 2019	150-230	0.65	9	5.7	7.0	4.9

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<b>Reach F: Upstream Project Limit:</b> Begins at Pleasure Bay Bridge; Ends at approximately 840 feet landward of GREEN CAN #49 EBB at the upstream limit of the project.	Req. No. 4834/N1/N 2/AL; pgs 24-25 of 25; 29 April, 1, 2, 8, 14-17, 20, 31 May, and 3, 12-14 June 2019	150-260	0.75	9	1.4	0.9	1.0
<b>Reach G: Oceanic Bridge:</b> Begins at the junction between the North and South Branches approximately 905 feet landward of RED NUN #12 EBB; Ends at Oceanic Bridge.	Req. No. 4834/N1/N 2/AL; pgs 6-9 of 25; 29 April, 1, 2, 8, 14-17, 20, 31 May, and 3, 12-14 June 2019	150-230	1.85	6	1.5	2.3	1.6
<b>Reach H: Red Bank:</b> Begins at Oceanic Bridge; Ends approximately 300 feet landward of RED "NJ" 2 EBB.	Req. No. 4834/N1/N 2/AL; pgs 9-15 of 25; 29 April, 1, 2, 8, 14-17, 20, 31 May, and 3, 12-14 June 2019	150-270	3.20	6	3.0	3.6	4.0

**REMARKS:**

- All reported depths are relative to C.O.E. Mean Low Water (MLW) datum.
- Channel reach lengths are in nautical miles.

**SHREWSBURY RIVER**

- **Reach A:** Scattered shoaling exists throughout this reach extending throughout the entire channel width. The controlling depth of -1.0 feet C.O.E. MLW exists in the Left Outside Quarter at approximately 370 feet seaward of GREEN BUOY #5 W/LIGHT SLACK.
- **Reach B:** A minor edge shoal exists in Right Outside Quarter of this reach. The controlling depth of -8.5 feet C.O.E. MLW exists in the Right Outside Quarter at approximately 90 feet seaward of NO WAKE BUOY EBB.
- **Reach C:** Scattered shoaling exists throughout this reach extending across the entire channel width. The controlling depth of -4.5 feet C.O.E. MLW exists in the Right Outside Quarter at approximately 220 feet seaward of RED-NUN #30A FLOOD.
- **Reach D:** Shoaling exists throughout this reach, extending across the majority of the channel width. The controlling depth of -2.8 feet C.O.E. MLW exists in the Right Outside Quarter at approximately 195 feet seaward of RED NUN #40 W/LIGHT EBB.
- **Reach E:** Shoaling exists throughout this reach, extending across the entire channel width. The controlling depth of -4.9 feet C.O.E. MLW exists in the Right Outside Quarter at approximately 30 feet landward of NO WAKE BUOY EEB.
- **Reach F:** Shoaling exists throughout this entire reach; with project depth available intermittently throughout. The controlling depth of -0.9 feet C.O.E. MLW exists in the Middle Half at approximately 55 feet seaward from the end of this reach.
- **Reach G:** Scattered shoaling exists throughout this reach, extending across the entire channel width. The controlling depth of -1.5 feet C.O.E. MLW exists in the Left Outside Quarter at approximately 305 feet seaward of GREEN CAN #13 W/ LIGHT FLOOD.
- **Reach H:** Shoaling exists towards the end of the reach, extending across the channel's width. The controlling depth of -3.0 feet C.O.E. MLW exists in the Left Outside Quarter at approximately 70 feet seaward from the end of this reach.