

REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-3165)

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DATE 5 August 2002

TO: 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, NJ

MINIMUM DEPTHS IN CHANNEL
ENTERING FROM SANDY HOOK BAY

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)			
Entrance Channel, from 0.0 MI to 2.2 MI	2,3, 9-13 JUL & 7 & 8 AUG 01 sh 1-5	300	2.2	12	3.6	8.8	8.6
Navesink, portion of Shrewsbury from 2.6 MI to 8.7 MI (North Branch)	15-18 MARCH & 4 APRIL-7 MAY 02 sh 2-11	150	6.1	6	2.5	3.4	2.3
Shrewsbury River, from 2.2 MI to 9.0 MI (South Branch)	15-18 MARCH & 4 APRIL-7 MAY 02 sh 12-21	150	6.8	9	3.6	2.8	1.5

REMARKS:

All depths are in Mean Low Water (MLW), unless it is noted otherwise.
 Coordinates Referencing New Jersey Mercator System ((NAD 1927), for sheets 1-5 of 8),
 and Coordinates Referencing Long Island Lambert System ((NAD 1983), for sheets 2-21 of 21)
 Channel Length - Nautical Miles.
 There are long toe shoals along the right and the left quarter channels for most of the channel length. There are seven shoals, which cross the entire channel: 1st. Vicinity of buoy Green Can #3 for 500 feet in the center half. 2nd. 600 feet past buoy Green Can #11 for about 200 feet. 3rd. South branch near the Y section near Red and Green Buoy NS lighted. 4th. North branch, at 600 feet past buoy Red Nun #10 for about 350 feet. 5th. South Branch basin starts at 300 feet to buoy Red #28 lighted for 900 feet. 6th. Vicinity of Red Nun #46. 7th. Vicinity of buoy Green Can #49 to the end of the Federal Navigation Channel.