

**REPORT OF CHANNEL CONDITIONS**

**100 TO 400 FEET WIDE**

(ER 1130-2-316)

**PAGE 1 OF 3 PAGE**

**DATE**

October 2020

**TO:  
FOR THE RECORD**

**FROM:** U.S Army Engineer District, New York  
Albany Field Office  
1st Bond St Troy, NY 12180

**RIVER/HARBOR NAME AND STATE**  
Hudson River, Kingston to Waterford

**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 (N.Miles)	DEPTH (feet)			
REACH 62-63	11-Sep-20	400	0.5	32.0	32.4	32.9	31.4
REACH 57-61	12-Sep-20	400	2.9	32.0	31.9	29.0	25.6
REACH 56	10-Sep-20	400	2.2	32.0	32.1	30.9	28.9
REACH 55	9-Sep-20	400	2.3	32.0	29.1	29.3	33.5
REACH 53-54	9-Sep-20	400	1.7	32.0	30.4	31.1	31.4
REACH 51-52	7-Sep-20	400	1.2	32.0	39.5	30.4	29.1
REACH 49-50	6-Sep-20	400	2.7	32.0	31.2	28.4	27.9
REACH 47-48	5-Sep-20	400	2.3	32.0	28.7	27.7	26.0
REACH 44-46	4-Sep-20	400	1.6	32.0	31.5	31.4	30.5
REACH 42-43	4-Sep-20	400	1.5	32.0	34.7	29.7	24.3
REACH 40-41	31-Aug-20	400	0.7	32.0	31.2	31.4	24.8
REACH 37-39	31-Aug-20	400	2.5	32.0	26.9	29.5	28.9
REACH 35-36	30-Aug-20	400	0.8	32.0	27.9	32.2	35.3
REACH 33-34	30-Aug-20	400	1.1	32.0	30.7	32.3	33.6

**REMARKS**

1. ALL DEPTHS REFER TO LOCAL COE PROJECT DATUM
2. LENGTH OF EACH REACH TO NAUTICAL MILES (1.15078 STATUTE MILES)

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					PAGE 2 OF 3 PAGE		
TO: FOR THE RECORD					DATE October 2020		
RIVER/HARBOR NAME AND STATE Hudson River, Kingston to Waterford					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 (N.Miles)	DEPTH (feet)			
REACH 31-32	29-Aug-20	400	2.5	32.0	28.9	29.1	29.0
Hudson Anchorage	29-Aug-20					24.6	
REACH 29-30	24-Aug-20	400	2.1	32.0	27.6	28.4	26.1
REACH 27-28	24-Aug-20	400	1.4	32.0	28.0	28.3	26.5
REACH 25-26	23-Aug-20	400	1.5	32.0	28.8	29.2	28.0
REACH 23-24	23-Aug-20	400	1.8	32.0	28.1	26.3	30.2
Stuyvesant Anchorage	22-Aug-20					29.5	
REACH 18-22	14-Sep-20	400	2.9	32.0	28.3	28.7	24.8
REACH 16-17	14-Sep-20	400	1.0	32.0	31.9	31.4	27.7
REACH 14-15	15-Sep-20	400	1.5	32.0	29.1	32.1	28.3
REACH 12-13	15-Sep-20	400	1.3	32.0	27.5	32.1	31.1
REACH 10-11	15-Sep-20	400	1.3	32.0	29.4	31.2	27.8
REACH 6-9	16-Sep-20	400	1.7	32.0	26.5	30.6	29.8
REACH 3-5	17-Sep-20	400	1.6	32.0	28.7	31.1	26.2

**REMARKS**

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<b>RIVER/HARBOR NAME AND STATE</b> Hudson River, Kingston to Waterford	<b>MINIMUM DEPTHS</b> <b>IN CHANNEL</b> <b>ENTERING FROM SEAWARD</b>
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NAME OF CHANNEL	DATE OF SURVEY	Authorized Project			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (N.Miles)	DEPTH (feet)			
REACH 2	17-Sep-20	400	1.0	32.0	22.3	18.0	25.4
Albany Turning Basin	17-Sep-20					28.0	
REACH 1	17-Sep-20	400	0.5	32.0	15.9	13.7	13.7
Head of the 27' Project to 900' South of Dunns Bridge	17-Sep-20	400	0.2	27.0	17.2	16.5	14.7
900 FT south of Dunns Bridge to Albany Swing Bridge	17-Sep-20	400	0.9	14.0	14.2	13.1	13.9
Albany Swing Bridge to Light 223 (Reache N26 to N25)	30-Sep-20	400	0.4	14.0	2.1	10.9	17.6
Light 223 to Menands Bridge (Reach N25 to N18)	1-Oct-20	400	3.0	14.0	12.5	13.2	10.8
Menands Bridge to Congress Bridge (Reach N17 to N14)	1-Oct-20	400	1.7	14.0	13.9	9.3	3.3
Congress Bridge to Collar City Bridge (Reach N14 to N08)	2-Oct-20	400	0.5	14.0	10.4	11.7	10.0
Collar City Bridge to Troy Lock and Dam (Reach N07 to N05)	2-Oct-20	400	0.9	14.0	5.8	8.6	9.2
Troy Lock and Dam and Approach (Reach N05 to N04)	2-Oct-20	40-125	0.3	14.0	8.2	8.9	8.9
Troy Lock and Dam to Waterford (Reach N04 to N01)	3-Oct-20	200	1.9	14.0	11.2	11.8	8.4

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