

REPORT OF CHANNEL CONDITIONS

100 TO 400 FEET WIDE

DATE

(ER 1130-2-316)

SEPTEMBER 2017

**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	9-Sep-17	400	0.5	32.0	32.3	33.3	31.4
REACH 57-61	9-Sep-17	400	2.9	32.0	32.6	29.3	24.8
REACH 56	8-Sep-17	400	2.2	32.0	32.7	31.6	29.5
REACH 55	4-Sep-17	400	2.3	32.0	29.7	29.5	34.6
REACH 53-54	4-Sep-17	400	1.7	32.0	30.7	31.0	31.9
REACH 51-52	4-Sep-17	400	1.2	32.0	40.0	30.4	29.4
REACH 49-50	3-Sep-17	400	2.7	32.0	31.8	28.8	28.0
REACH 47-48	2-Sep-17	400	2.3	32.0	28.9	28.7	26.9
REACH 44-46	2-Sep-17	400	1.6	32.0	32.0	31.7	30.6
REACH 42-43	1-Sep-17	400	1.5	32.0	34.5	30.0	24.9
REACH 40-41	31-Aug-17	400	0.7	32.0	31.7	31.6	25.5
REACH 37-39	31-Aug-17	400	2.5	32.0	25.5	29.0	28.6
REACH 35-36	30-Aug-17	400	0.8	32.0	26.2	31.6	36.0
REACH 33-34	30-Aug-17	400	1.1	32.0	27.2	29.5	34.0

REMARKS

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

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REACH 31-32	30-Aug-17	400	2.5	32.0	25.3	27.1	27.0
Hudson Anchorage	30-Aug-17					25.4	
REACH 29-30	28-Aug-17	400	2.1	32.0	28.8	28.2	28.4
REACH 27-28	28-Aug-17	400	1.4	32.0	27.3	29.5	27.7
REACH 25-26	26-Aug-17	400	1.5	32.0	29.0	29.6	28.2
REACH 23-24	25-Aug-17	400	1.8	32.0	28.4	30.1	31.4
Stuyvesant Anchorage	25-Aug-17					29.1	
REACH 18-22	24-Aug-17	400	2.9	32.0	28.1	29.1	25.1
REACH 16-17	29-Aug-17	400	1.0	32.0	32.2	31.7	28.1
REACH 14-15	29-Aug-17	400	1.5	32.0	27.6	29.3	28.6
RECAH 12-13	5-Sep-17	400	1.3	32.0	27.1	31.4	30.7
REACH 10-11	5-Sep-17	400	1.3	32.0	30.4	31.3	27.6
REACH 6-9	5-Sep-17	400	1.7	32.0	26.5	30.9	28.6
REACH 3-5	6-Sep-17	400	1.6	32.0	28.9	29.1	27.0

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REACH 2	7-Sep-17	400	1.0	32.0	26.8	17.6	26.9
Albany Turning Basin	7-Sep-17					28.8	
REACH 1	7-Sep-17	400	0.5	32.0	16.1	13.9	13.6
Head of the 27' Project to 900' South of Dunns Bridge	7-Sep-17	400	0.2	27.0	16.8	16.7	14.4
900 FT south of Dunns Bridge to Albany Swing Bridge	10-Sep-17	400	0.9	14.0	13.3	10.7	13.9
Albany Swing Bridge to Light 223 (Reache N26 to N25)	10-Sep-17	400	0.4	14.0	6.7	11.1	14.9
Light 223 to Menands Bridge (Reach N25 to N18)	11-Sep-17	400	3.0	14.0	12.4	13.3	11.0
Menands Bridge to Congress Bridge (Reach N17 to N14)	11-Sep-17	400	1.7	14.0	13.8	8.9	4.2
Congress Bridge to Collar City Bridge (Reach N14 to N08)	12-Sep-17	400	0.5	14.0	10.1	12.1	11.2
Collar City Bridge to Troy Lock and Dam (Reach N07 to N05)	12-Sep-17	400	0.9	14.0	7.6	7.3	10.0
Troy Lock and Dam and Approach (Reach N05 to N04)	13-Sep-17	40-125	0.3	14.0	8.2	7.4	8.9
Troy Lock and Dam to Waterford (Reach N04 to N01)	13-Sep-17	200	1.9	14.0	11.4	12.2	8.6

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