

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-316)**

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DATE
3 Feb 2004

TO:

FOR THE RECORD

FROM:
u.s. Army Engineer District, New York
Albany Field Office, 1 Bond Street, Troy, NY 12180

RIVER/HARBOR NAME AND STATE
Hudson River, New York 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 (miles)	DEPTH (feet)			
<u>Kingston Point Reach</u>	30/Aug/03	400	2	32	34	36	27
<u>North Germantown Reach</u> (Silver point to Green Point)	11/Sep/03	400	2	32	30	31	29
<u>Malden Reach</u> (Green Flats to Upper Flats)	29/Dec/03	400	1	32	33	31	31
<u>Formile PT to Ratlesnake Island</u>	10/Jul/03	400	4	32	29	30	28
<u>Hudson Anchorage Area</u> (main channel east of anchorage)	6/Jan/04	400	1	32	29	32	32
<u>Van Winkle Bridge to Brandow PT</u>	30/Jul/03	400	2	32	36	35	29
<u>North of N.Y. Thruway Bridge</u>	6/Jan/04	400	1	32	29	34	32
<u>Castleton-on-Hudson to Cedar Hill</u>	4/Dec/03	400	1	32	32	33	28
<u>Van Weis Pt to Normans Kill</u>	2/Jul/03	400	2	32	31	34	30
<u>Port of Albany to Dunns Bridge</u>	17/Jul/03	400	1	27	16	15	14
<u>Menands Bridge to Congress St Bri</u>	25/Jul/03	400	1	14	14	14	6
<u>Catskill Creek</u>	7/Nov/03	100	1	12	4	7	5
<u>Saugerties Harbor</u>	14/May/03	200	1	12	5	7	5
<u>Rondout Harbor</u>	24/Nov/02	100	4	14	6	6	7
<u>Narrows of Lake Champlain</u> (lock 12 to Benson Landing)	25/Sep/03	200	14	12	4	9	4
<u>The Great Chazy River</u> (reach 1 to reach 3)	12/Jun/03	40	1	5	3	2	1

REMARKS (Continue on reverse)

Kingston Reach: The shoal is from the Kingston flat light south .28 miles and north 0.5 miles.
Catskill Creek has two project depths: 12 feet for 0.31 miles and 8 feet for 0.7 miles.
Rondout Harbor has two project depths: 14 feet for 1.3 and 12 feet for 2.7 miles.