DEPARTMENT OF THE ARMY
Philadelphia District, Corps of Engineers
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CENAP-OP-TS **DATE OF ISSUE:April 2016**

DELAWARE RIVER, Pennsylvania, New Jersey and Delaware Ship Channel from The Sea (Buoy no.9) to Allegheny Avenue Philadelphia, Pennsylvania					Minimum depth in each quarter of the channel Entering from the Atlantic Ocean			
Range	Date of Survey	DIMENSIONS Width in Feet	Length Nautical Miles	Depth in Feet	Left Outside Quarter Feet	Left Inside Quarter Feet	Right Inside Quarter Feet	Right Outside Quarter Feet
Brandywine from buoy No.9	22 Apr 15	1000	10.94	40	41.9	42.0	43.4	42.4
Miah Maull	15 May 15	1000	7.02	40	41.6	41.0	40.7	38.0
Elbow of Cross Ledge	9 Jul 15	1000	3.39	40	41.2	43.4	43.3	41.2
Liston-Below Ship John Light	30 Jul 15	1000	5.57	40	41.0	41.6	41.7	40.9
Liston-Above Ship John Light	5 Aug 15	1000-800	12.42	40	43.3	42.9	42.2	41.7
Baker	15 Oct 14	800	1.65	40	40.9	43.8	43.1	37.2
Reedy Island	2 Oct 14	800	4.28	40	40.3	40.4	42.0	41.2
New Castle	29 Sep 15	800	4.34	40	41.5	42.3	42.8	39.1
Bulkhead Bar	12 Sep 13	1600	0.56	40	20.4*	46.6	45.2	39.2
Deepwater Point	8 Dec 15	800	3.76	40	36.8	40.5	41.5	37.0
Cherry Island	12 Mar 15	800	4.33	40	39.5	41.0	42.4	41.9
Bellvue	27 Apr 15	800	3.05	40	39.5	41.6	42.4	41.6
Marcus Hook	22 Mar 16	800	4.25	40	36.3	40.1	40.0	40.8
Chester	15 Mar 16	800	1.82	40	39.4	40.4	40.5	40.0
Eddystone	18 Mar 16	800	1.08	40	35.1	40.5	41.8	40.7
Tinicum	28 Mar 15	800	3.03	40	39.2	40.6	40.9	38.5
Billingsport	14 Jul 15	800	1.15	40	44.9	45.2	45.2	38.5
Mifflin	20 Jul 15	800	2.83	40	39.0	41.7	43.3	42.5
Eagle Point	21 Jul 15	800	1.74	40	38.9	43.9	42.9	42.5
Horsehoe Bend	7 Mar 16	800-500	0.8	40	34.0	43.9	44.8	42.7
East Horsehoe & Reach M	13 Jan 16	500-400	1.19	40	41.2	43.7	44.9	44.8
Reach M to Benjamin Franklin Bridge	19 Nov 13	400	2.95	40	23.8*	32.8	43.7	41.5
Benjamin Franklin Bridge to Cambria St.	29 Mar 16	400	2	40	25.3*	39.4	40.2	39.9
Cambria St. to Allegheny Ave.	1 Apr 16	400	0.42	40	37.5	41.5	41.9	38.6
					PERCENTAGES OF TOTAL WIDTHS			
					Edge to 60%	60% to 80%	80% to 100%	
Camden Waterfront	31 Mar 16	1600	4500	40	38.8	37.8	36.1	
ANCHORAGES								
Marcus Hook	9 Feb 16	2300	13650	40	34.4	28.7	13.3	
Mantua Creek	1 Feb 16	1400	11600	37	37.7	36.1	35.9	
Gloucester	23 Oct 13	550	3500	30	29.7	29.6	25.5	
Port Richmond	20 Nov 13	750	3400	37	29.0	27.9	27.6	

NOTE: The information shown on this channel represents the results of surveys made on the dates indicated and can only be considered indicating the general conditions at the time

The depths refer to Corps of Engineers Philadelphia District Mean Lower Low Water Datum

Drawings showing depths in the channel can be downloaded in PDF format from the Philadelphia Districts web page

20.4' controlling depth 1' inside the channel
*23.8' controlling depth 26' inside the channel
*25.3 controlling depth 8' inside the channel

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