CHRISTINA RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2015

NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
DELAWARE RIVER TO THE UPPER END OF THE TURNING BASIN	34.8	34.7	36.8	10-15	500-340	0.70	38
THENCE TO LOBDELL CANAL	34.4	34.3	34.2	10-15	400	0.33	35
TURNING BASIN		A35.9		10-15	320	0.34	38
LOBDELL CANAL TO BRANDYWINE CR.		5.2		8-15	250	0.68	21
BRANDYWINE CR. TO MARKET ST.		3.8		8-15	200	1.24	21
MARKET ST. TO 39°43'38"N, 75°33'40"W		1.3		8-15	200	0.78	21
THENCE TO END OF CHANNEL		7.2		8-15	200	0.12	10

A. REPORTED DEPTH IS FOR FULL WIDTH OF BASIN.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

TIDAL INFORMATION

NAME	(LAT/LONG)	Mean Higher High Water (feet)	Mean High Water (feet)	Mean Low Water (feet)
Reedy Point	(39°34'N/75°34'W)	5.8	5.5	0.2
New Castle	(39°39'N/75°34'W)	5.8	5.4	0.2
Wilmington	(39°43'N/75°31'W)	5.9	5.5	0.2

Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.
(Apr 2012)

SALEM RIVER CHANNEL
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2014

NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUTICAL MILES)	DEPTH MLLW (FEET)
ELSINBORO POINT TO OAKWOOD BEACH	13.4	12.4	11.9	8-14	150	1.48	16
OAKWOOD BEACH TO SINNICKSON LANDING	13.6	15.3	15.8	8-14	150	1.56	16
SINNICKSON LANDING TO END OF PROJECT	18.2	17.0	17.7	8-14	150	0.71	16
TURNING BASIN (TURNING BASIN PROJECT WIDTH 80% / 100%)	12.0	9.7		5-14	320	0.2	16

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

DELAWARE RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2014

NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
LISTON RANGE (ABOVE SHIP JOHN LIGHT)	41.5	42.6	42.9	41.6	4-14	1000-800	12.42	40
BAKER RANGE	38.1	44.5	43.9	39.5	3-14	800	1.65	40
REEDY ISLAND RANGE	38.0	40.9	41.8	41.2	2-14	800	4.28	40
NEW CASTLE RANGE	A40.0	40.7	40.7	39.0	6-14	800	4.34	40
BULKHEAD BAR RANGE	20.4	45.2	45.2	38.8	5-14	1600	0.56	40
DEEPWATER POINT RANGE	39.7	40.5	40.1	36.9	6-14	800	3.76	40
CHERRY ISLAND RANGE	42.6	44.0	43.8	43.1	6-14	800	4.33	40
BELLEVUE RANGE	40.3	42.2	43.1	41.9	9-13	800	3.05	40

A. 38 FOOT OBSTRUCTION LOCATED AT 39°33'15.5"N, 75°32'39.0"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102

46th Ed., May 2012
12311

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

Last Correction: 11/4/2016. Cleared through:
LNM: 4616 (11/15/2016), NM: 4716 (11/19/2016)

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).
If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

This chart was distributed as a PDF (Portable Document Format). Printing PDFs may alter the chart scale, color, or legibility that may impact suitability for navigation. Printed charts provided by NOAA certified Print on Demand (POD) providers fulfill a vessel's requirement to carry a navigational chart "published by the National Ocean Service" in accordance with federal regulations, including but not limited to 33 C.F.R. 164.33(a), 33 C.F.R. 164.72(b), and 46 C.F.R. 28.225(a). POD charts meet stringent print standards and can be recognized by an official certification of authenticity printed on the chart. A list of POD providers can be found at: nauticalcharts.noaa.gov/pod