Formerly C&GS 296, 1st Ed., Apr. 1914 G-1953-844 KAPP 672

DELAWARE RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2015

| 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) |
|---|---|---|---|---|---|---|---|---|
| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJECT DIMENSIONS | | |
| HARBOR RANGE (CHARTS 12313,12312) | 39.9 | 39.9 | 40.1 | 39.0 | 10-14 | 400 | 0.70 | 40 |
| FISHER CHANNEL | 38.9 | 42.4 | 44.1 | 42.4 | 10-14 | 400 | 0.31 | 40 |
| DRAW CHANNEL | 37.2 | 44.2 | 43.6 | 40.6 | 10-14 | 400 | 0.74 | 40 |
| DELAIR RANGE | 38.3 | 38.9 | 37.9 | 35.8 | 10-14 | 400 | 0.98 | 40 |
| BRIDESBURG CHANNEL | 38.9 | 41.3 | 40.6 | 33.0 | 10-14 | 400 | 0.31 | 40 |
| FRANKFORD CHANNEL | 36.1 | 39.8 | 35.8 | 31.4 | 11-14 | 400 | 1.05 | 40 |
| TACONY CHANNEL | 34.4 | 39.8 | 38.5 | 36.9 | 11-14 | 400 | 1.17 | 40 |
| TORRESDALE RANGE | 33.0 | 36.6 | 40.0 | 31.5 | 11-14 | 400 | 1.39 | 40 |
| MUD ISLAND RANGE | 37.1 | 38.3 | 37.0 | 32.3 | 11-14 | 400 | 1.67 | 40 |
| ENTERPRISE RANGE | 35.5 | 39.3 | 39.3 | 33.8 | 11-14 | 400 | 1.70 | 40 |
| BEVERLY CHANNEL | 28.6 | 37.4 | 40.0 | 34.2 | 11-14 | 400 | 0.65 | 40 |
| EDGEWATER CHANNEL | 31.3 | 37.4 | 38.5 | 35.4 | 12-14 | 400 | 1.37 | 40 |
| DEVLIN CHANNEL | 33.7 | 40.5 | 39.6 | 23.7 | 12-14 | 400 | 1.03 | 40 |
| LEHIGH CHANNEL | 33.5 | 42.0 | 40.2 | 32.8 | 12-14 | 400 | 0.66 | 40 |
| CANAL CHANNEL | 38.2 | 43.5 | 43.3 | 35.6 | 12-14 | 500 | 0.19 | 40 |
| BRISTOL RANGE | 38.0 | 42.4 | 42.2 | 39.0 | 12-14 | 400 | 0.62 | 40 |
| KEYSTONE RANGE | 33.1 | 39.8 | 42.9 | 34.2 | 12-14 | 400 | 0.42 | 40 |
| LANDRETH CHANNEL | 34.2 | 39.7 | 39.3 | 37.9 | 12-14 | 400 | 1.21 | 40 |
| FLORENCE BEND | 36.0 | 41.2 | 40.2 | 32.0 | 12-14 | 500 | 0.61 | 40 |
| FLORENCE RANGE | 30.9 | 39.3 | 40.2 | 33.7 | 12-14 | 400 | 1.34 | 40 |
| ROEBLING RANGE | 29.5 | 39.4 | 41.9 | 34.5 | 12-14 | 400 | 0.34 | 40 |
| KINKORA RANGE | 33.5 | 38.1 | 38.7 | 34.7 | 12-14 | 400 | 1.15 | 40 |
| PENN CHANNEL | 36.9 | 39.6 | 39.4 | 34.2 | 12-14 | 400 | 0.36 | 40 |
| NEWBOLD CHANNEL | 10.5 | 16.5 | 20.7 | 27.4 | 12-14 | 400 | 0.52 | 40-25 |
| BLAKE CHANNEL | 16.6 | 22.9 | 25.3 | 26.1 | 12-14 | 400 | 0.17 | 25 |
| WHITEHILL RANGE | 22.4 | 23.5 | 23.5 | 23.8 | 12-14 | 300 | 1.03 | 25 |
| RARITAN CHANNEL | 20.3 | 22.9 | 26.6 | 25.1 | 12-14 | 400 | 0.24 | 25 |
| BORDENTOWN RANGE | 15.6 | 18.8 | 21.2 | 16.5 | 12-14 | 300 | 0.65 | 25 |
| DUCK ISLAND RANGE | 11.1 | 17.4 | 17.5 | 16.3 | 12-14 | 300 | 1.25 | 25 |
| PERRIWIG CHANNEL | 12.9 | 20.5 | 23.4 | 23.0 | 5-14 | 400 | 0.24 | 25 |
| BILES ISLAND CHANNEL | 23.5 | 29.4 | 25.5 | 17.3 | 5-14 | 300 | 0.38 | 25 |
| COCHRAN CHANNEL | 29.5 | 29.4 | 25.5 | 17.3 | 5-14 | 300 | 0.31 | 25 |
| MOON CHANNEL | 7.2 | 12.1 | 11.6 | 11.5 | 5-14 | 500 | 0.39 | 25 |
| TRENTON CHANNEL | | | | | | | | |
| SOUTH REACH | | 9.8 | 9.8 | | 5-14 | 200 | 0.49 | 12 |
| NORTH REACH | | 6.5 | A 6.5 | | 5-14 | 200-300 | 0.58 | 12 |
| AUXILIARY CHANNEL EAST OF BURLINGTON ISLAND | | | | | | | | |
| RANGE I | 14.9 | 13.1 | | 11.0 | 5-14 | 200 | 0.28 | 20 |
| RANGE S | 9.4 | 12.2 | | 13.2 | 5-14 | 200 | 0.25 | 20 |
| RANGE L | 6.3 | 12.6 | | 17.3 | 5-14 | 200 | 0.10 | 20 |
| RANGE A | 0.1 | 9.1 | | 19.7 | 5-14 | 200 | 0.19 | 20 |
| RANGE N | 3.8 | 10.5 | | 22.2 | 5-14 | 200 | 0.12 | 20 |
| RANGE D | 7.5 | 13.2 | | 19.2 | 5-14 | 200 | 0.09 | 20 |
| IN FRONT OF TURNING BASIN | 8.5 | 12.7 | | 17.3 | 9-11 | 200 | 0.18 | 20 |

A. EXCEPT FOR A 5 FOOT ROCK LOCATED AT 40°12'25.9"N, 74°45'57.2"W.

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

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

| SOURCE | | |
|---|---|---|
| A 1990-2010 | NOS Surveys | full bottom coverage |
| B2 1970-1989 | NOS Surveys | partial bottom coverage |
| B5 Pre-1900 | NOS Surveys | partial bottom coverage |

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area — Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - EAST COAST

PENNSYLVANIA - NEW JERSEY

# DELAWARE RIVER

## PHILADELPHIA TO TRENTON

Mercator Projection
Scale 1:20,000 at Lat. 40°05'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

For Symbols and Abbreviations see Chart No. 1

TIDAL INFORMATION

| PLACE NAME | (LAT/LONG) | Mean Higher High Water (feet) | Mean High Water (feet) | Mean Low Water (feet) |
|---|---|---|---|---|
| Bridgeboro | (40°02'N/74°56'W) | 6.9 | 6.5 | 0.2 |
| Burlington | (40°05'N/74°52'W) | 7.8 | 7.5 | 0.2 |
| Trenton | (40°11'N/74°45'W) | 8.7 | 8.4 | 0.2 |

Height referred to datum of soundings (MLLW)

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)

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Philadelphia, PA KIH-28 162.475 MHz

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 3. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 5th Coast Guard District in Portsmouth, Virginia or at the Office of the District Engineer, Corps of Engineers in Philadelphia, Pennsylvania.

Refer to charted regulation section numbers.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.399" northward and 1.401" eastward to agree with this chart.

HEIGHTS

Heights in feet above Mean High Water.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 3 for important supplemental information.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

33rd Ed., Jun. 2012

12314

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: 4/16/2015. Cleared through:
LNM: 1515 (4/14/2015), NM: 1715 (4/25/2015)

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.

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U.S. DEPARTMENT OF COMMERCE
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