Farthest Recorded Upstream Salt Front Location in the Delaware River - November 1964 Schoolkill River Median Monthly Salt Front Location Philadelphia (River Mile) 69.0 January 70.7 **February** Delaware River 70.0 March **Drinking Water Intakes** 67.0 April **RM 110** 68.0 Mav 1960's "Drought of Record" 69.2 June 70.4 July **RM 102** Ben Franklin Bridge 73.8 August RM 100.2 September 76.0 Pennsylvania 72.0 October Cámden November 70.5 69.4 December Based upon salt front location Walt Whitman Bridge data from January 1998 RM 96.8 through February 2013. Mouth of Schuylkill River RM 92.5 **Delaware New Jersey** Commodore Barry Bridge Wilmington_o RM 82 Median Monthly Salt Front Location Range RM 67 to RM 76 Delaware Memorial Bridge RM 68.7 6 Miles 6 Kilometers C & D Canal ⊙Salem Artificial Island Mouth of C & D Canal RM 54.4 -**Delaware River Basin Commission** RM 58.9 NEW JERSEY DELAWARE PENNSYLVANIA • NEW YORK UNITED STATES OF AMERICA

The salt front is defined as the 250 parts-per-million (or milligram-per-liter) chloride concentration. The seven-day average location of the salt front is used by DRBC as an indicator of salinity intrusion in the Delaware Estuary. The salt front's location fluctuates along the Delaware River as streamflow increases or decreases in response to changing inflows, diluting or concentrating chlorides in the river. River Mile (RM) 0 is located at the mouth of the Delaware Bay (i.e., where the bay meets the Atlantic Ocean).