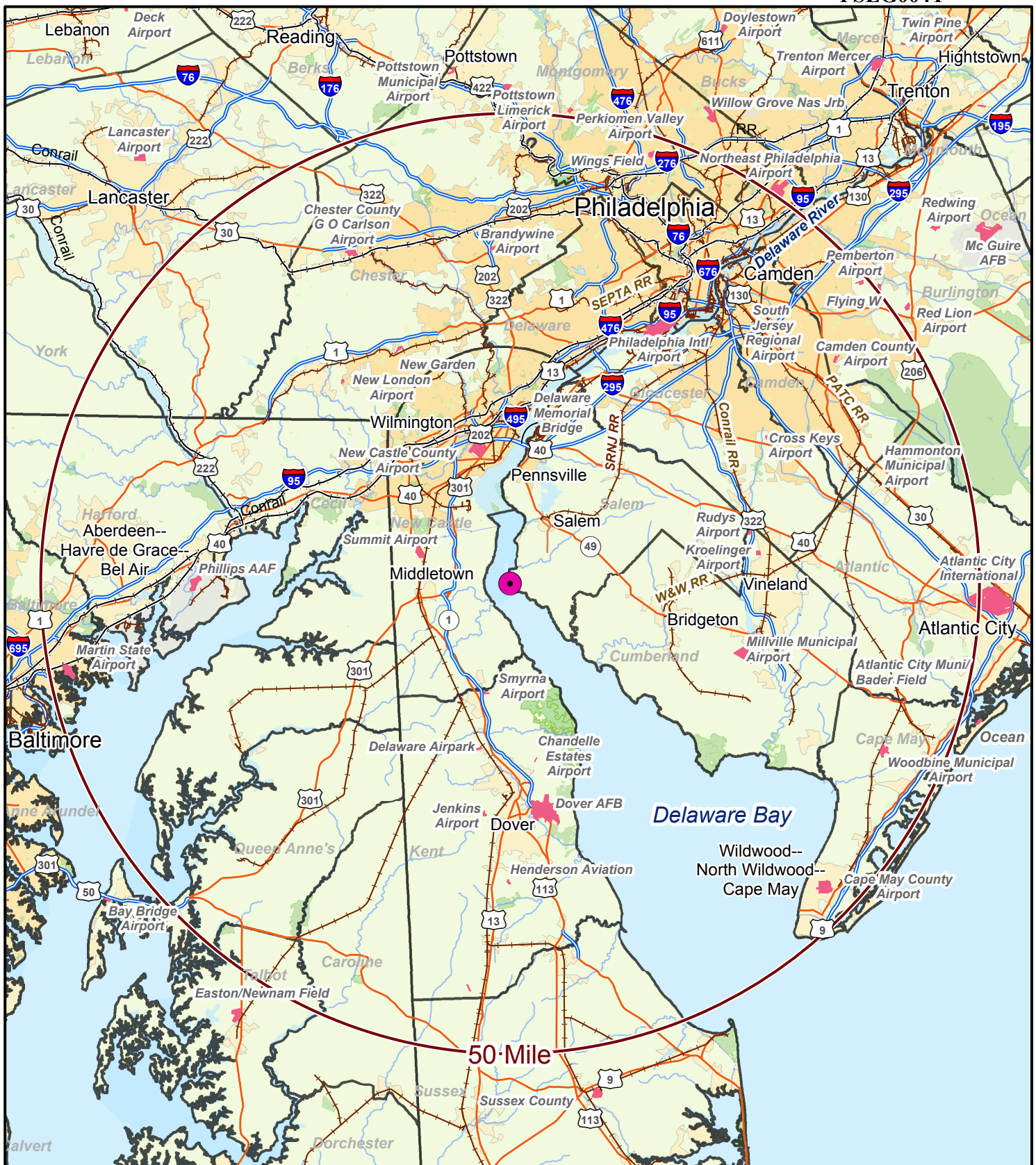




0 10 20
Kilometers

0 10 20
Miles

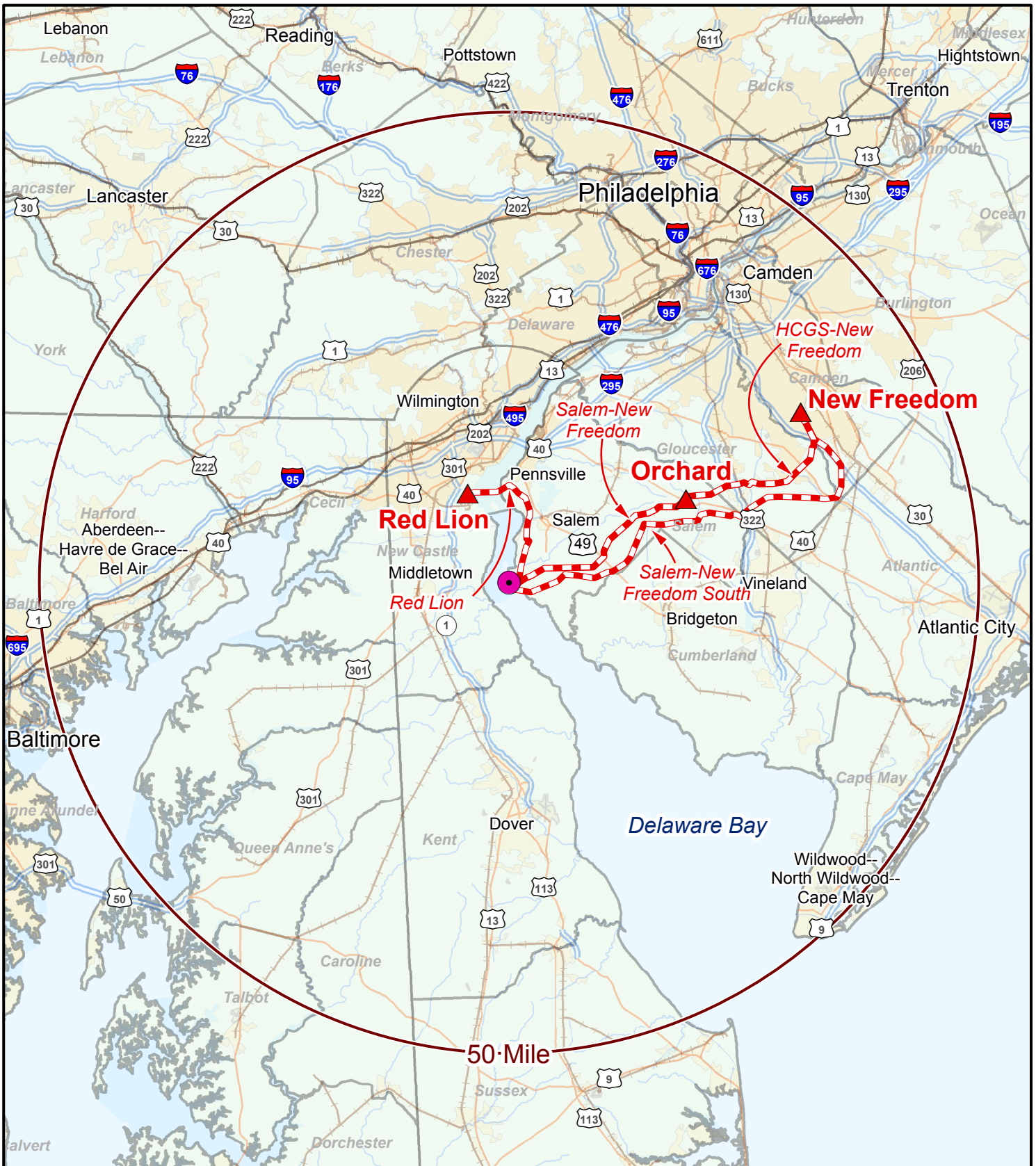
PSEG Power, LLC

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Major Regional
Transportation Features

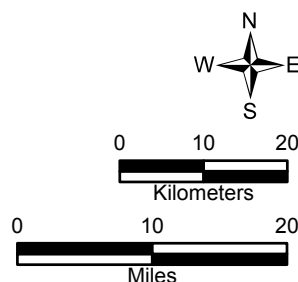
FIGURE 2.2-5

Rev 0



LEGEND

- Site Location
- ▲ Existing Substation
- 50-mile (80 km) Ring
- - - Existing Transmission Corridors



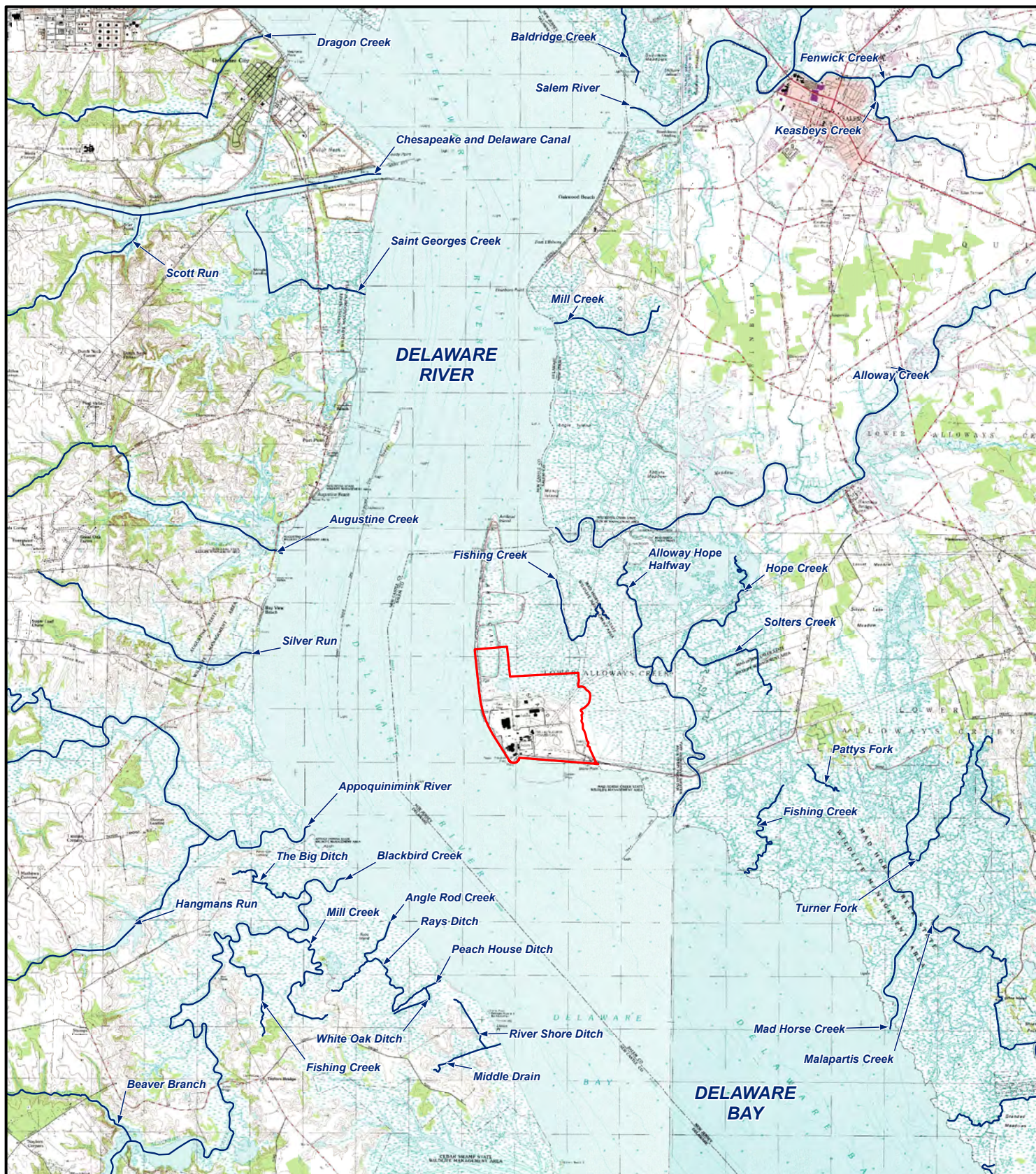
PSEG Power, LLC

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Existing PSEG
Transmission Corridors

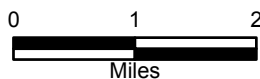
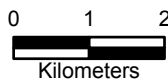
FIGURE 2.2-6

Rev 0



LEGEND

- Major River/Stream
- Site Boundary

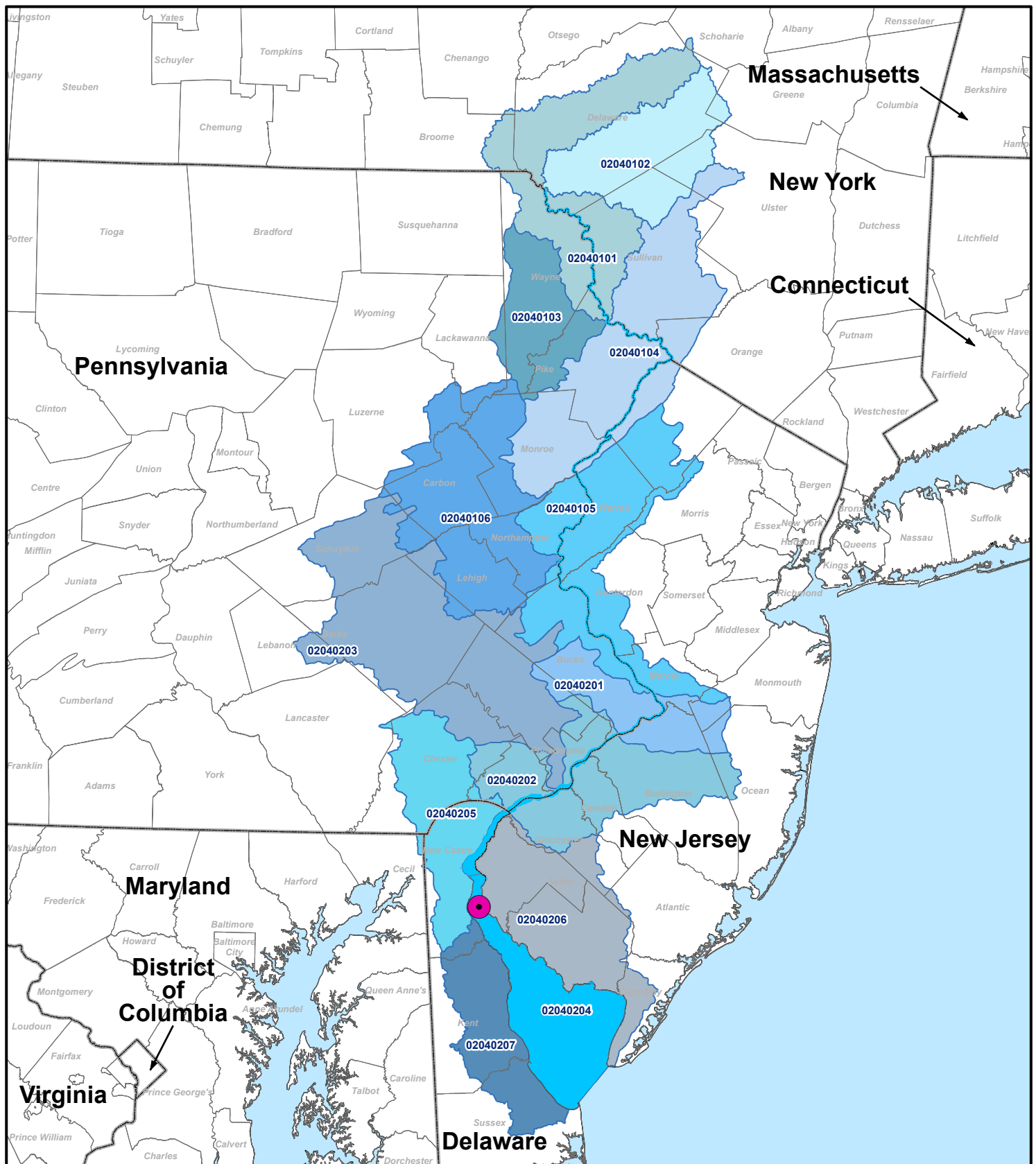


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Site Vicinity -
Surface Water Resources

FIGURE 2.3-1

Rev 0

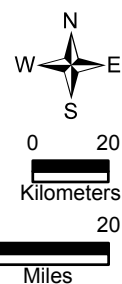


LEGEND

 Site Location

Watershed Sub-basin

- | | |
|--|---|
|  02040101-Upper Delaware |  02040202-Lower Delaware |
|  02040102-East Branch |  02040203-Schuylkill |
|  02040103-Lackawaxen |  02040204-Delaware Bay |
|  02040104-Middle Delaware-Mongaup-Brodhead |  02040205-Brandywine-Christina |
|  02040105-Middle Delaware-Musconetcong |  02040206-Cohansey-Maurice |
|  02040106-Lehigh |  02040207-Broadkill-Smyrna |
|  02040201-Crosswicks-Neshaminy | |



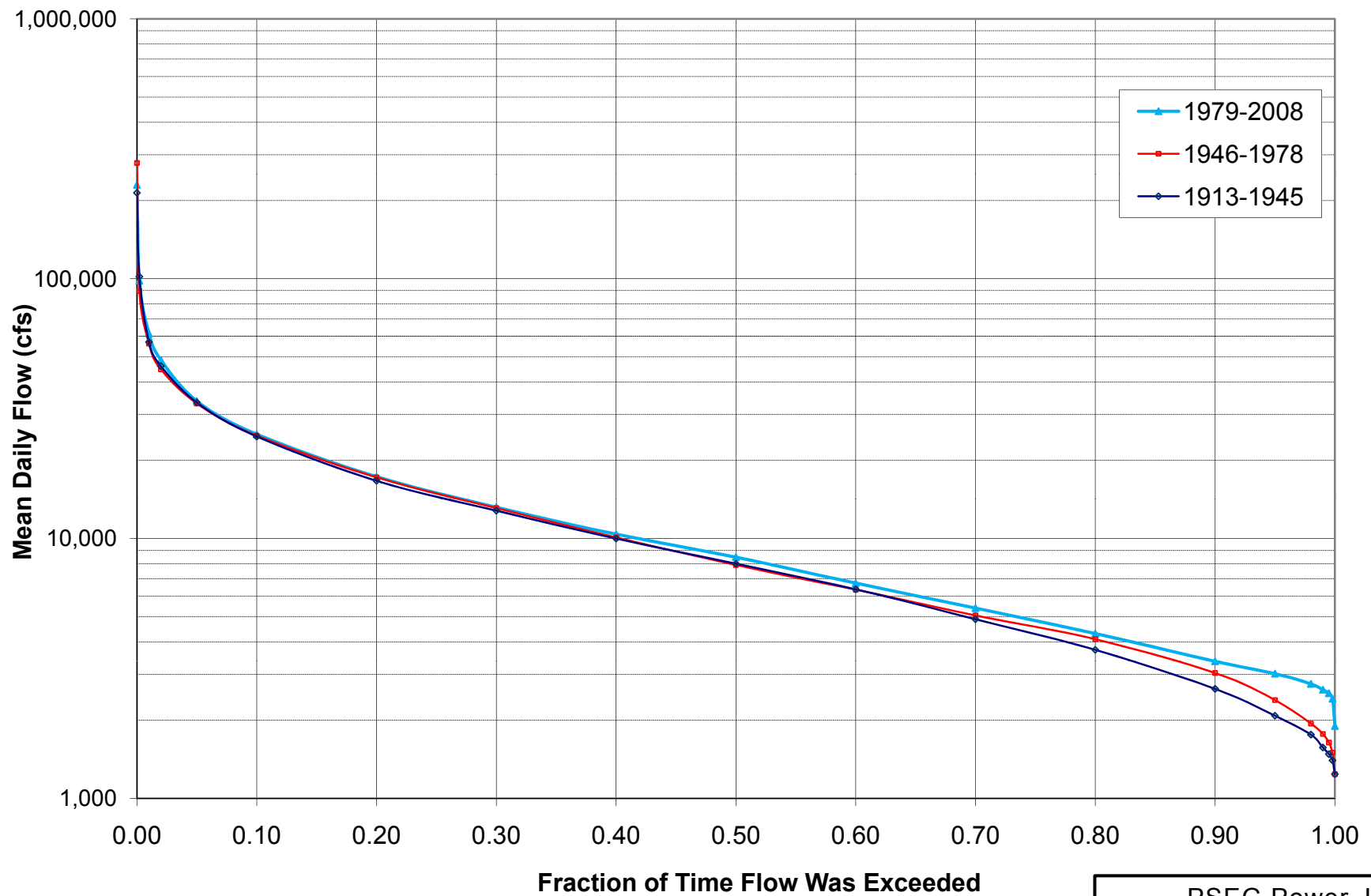
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Delaware River
Watershed

FIGURE 2.3-2

Rev 0



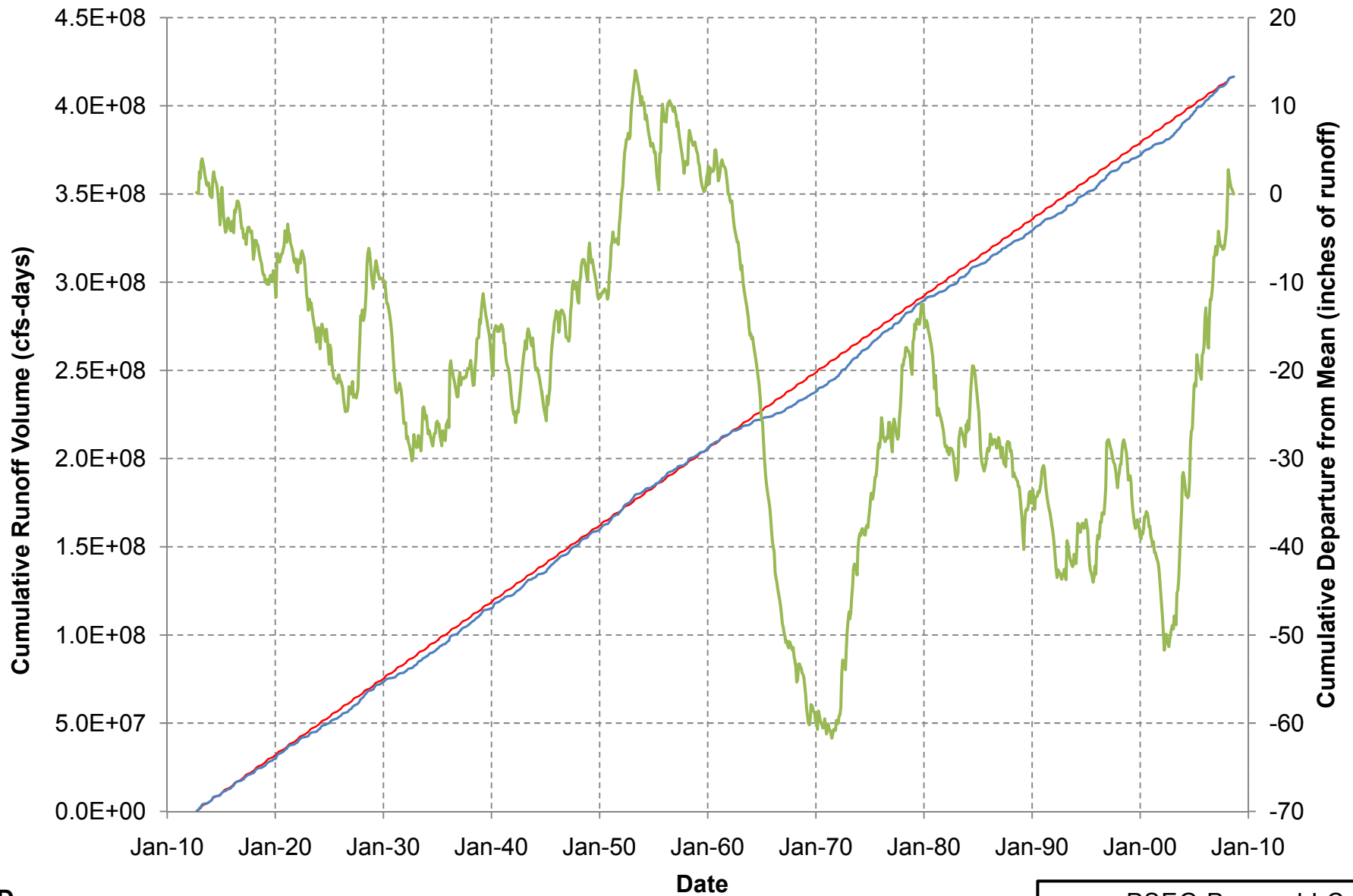
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Daily Mean Flow Duration Curves –
Delaware River at Trenton NJ

FIGURE 2.3-3

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LEGEND

- Mean Cumulative Runoff
- Cumulative Monthly Runoff
- Departure from Mean

Reference: 2.3-87

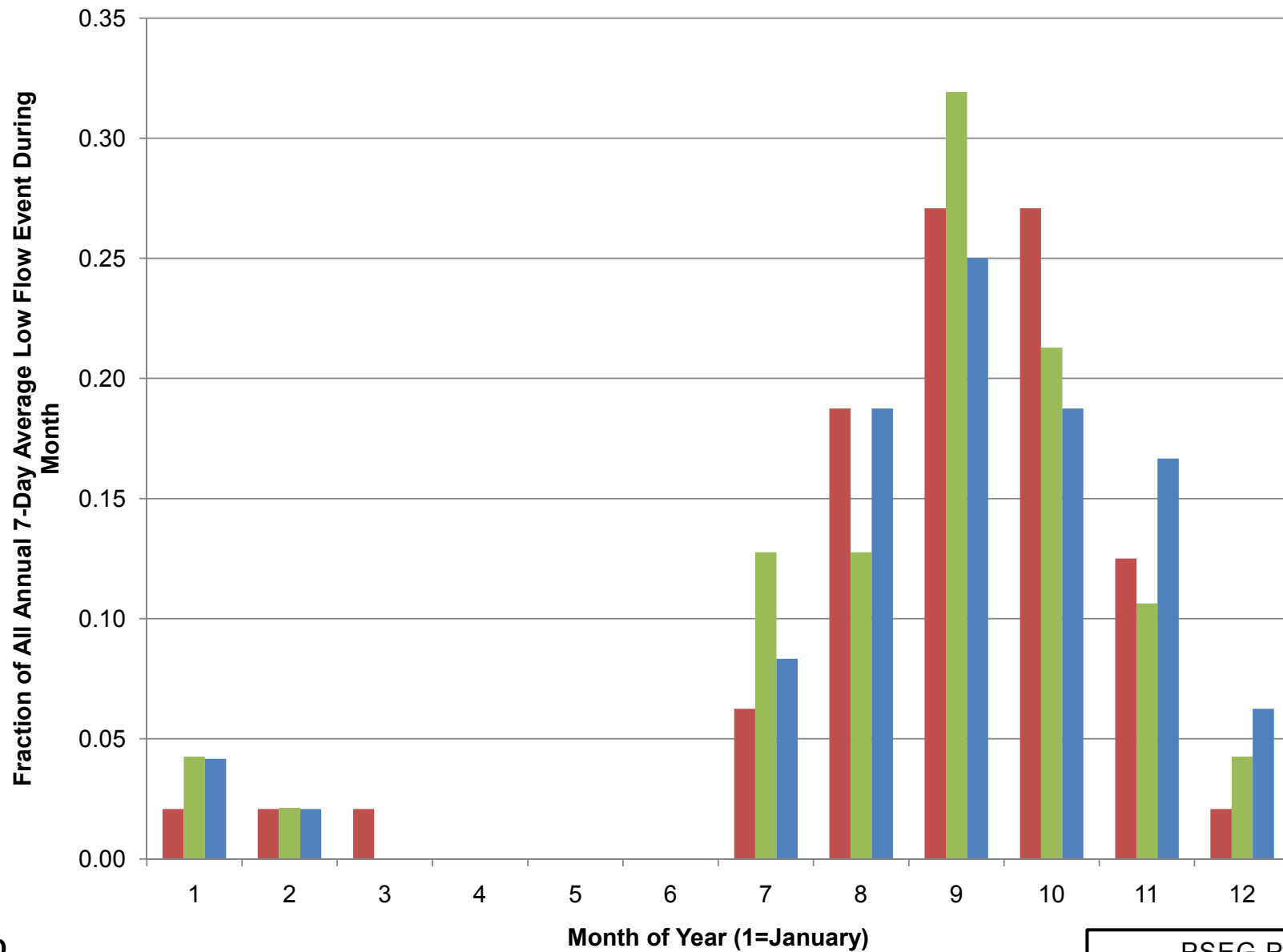
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Delaware River at Trenton NJ –
Cumulative Flow Volume and Departure
from Long-Term Average

FIGURE 2.3-4

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LEGEND

- 1914-1962
- 1963-2008
- 1914-2008 (top 48)

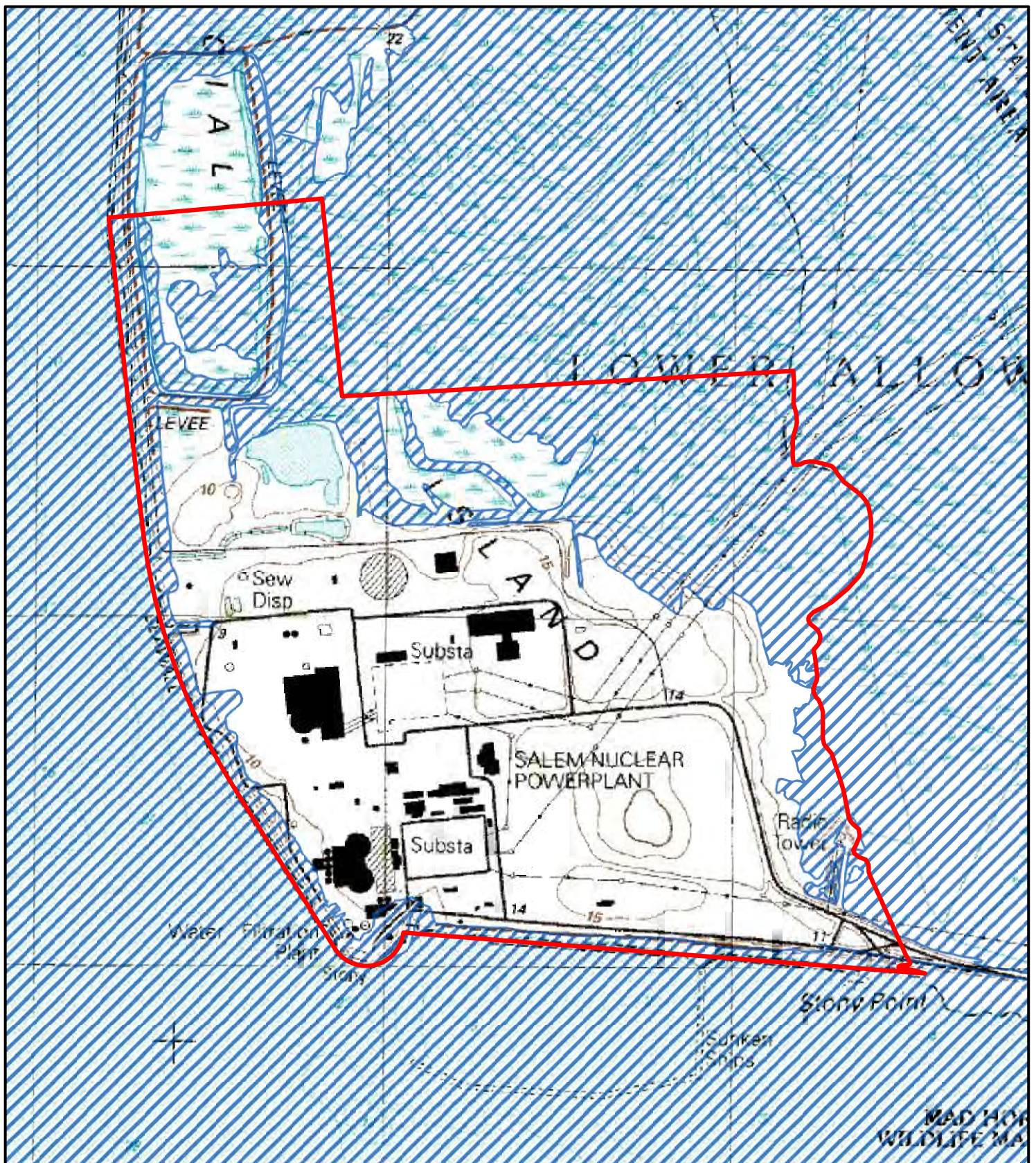
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Delaware River at Trenton NJ –
Seasonal Distribution of Annual Minimum
7-Day Average Low Flow

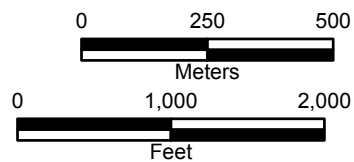
FIGURE 2.3-5

Rev 0



LEGEND

- Site Boundary
- FEMA 100 Year Flood Plain (9' Elevation)



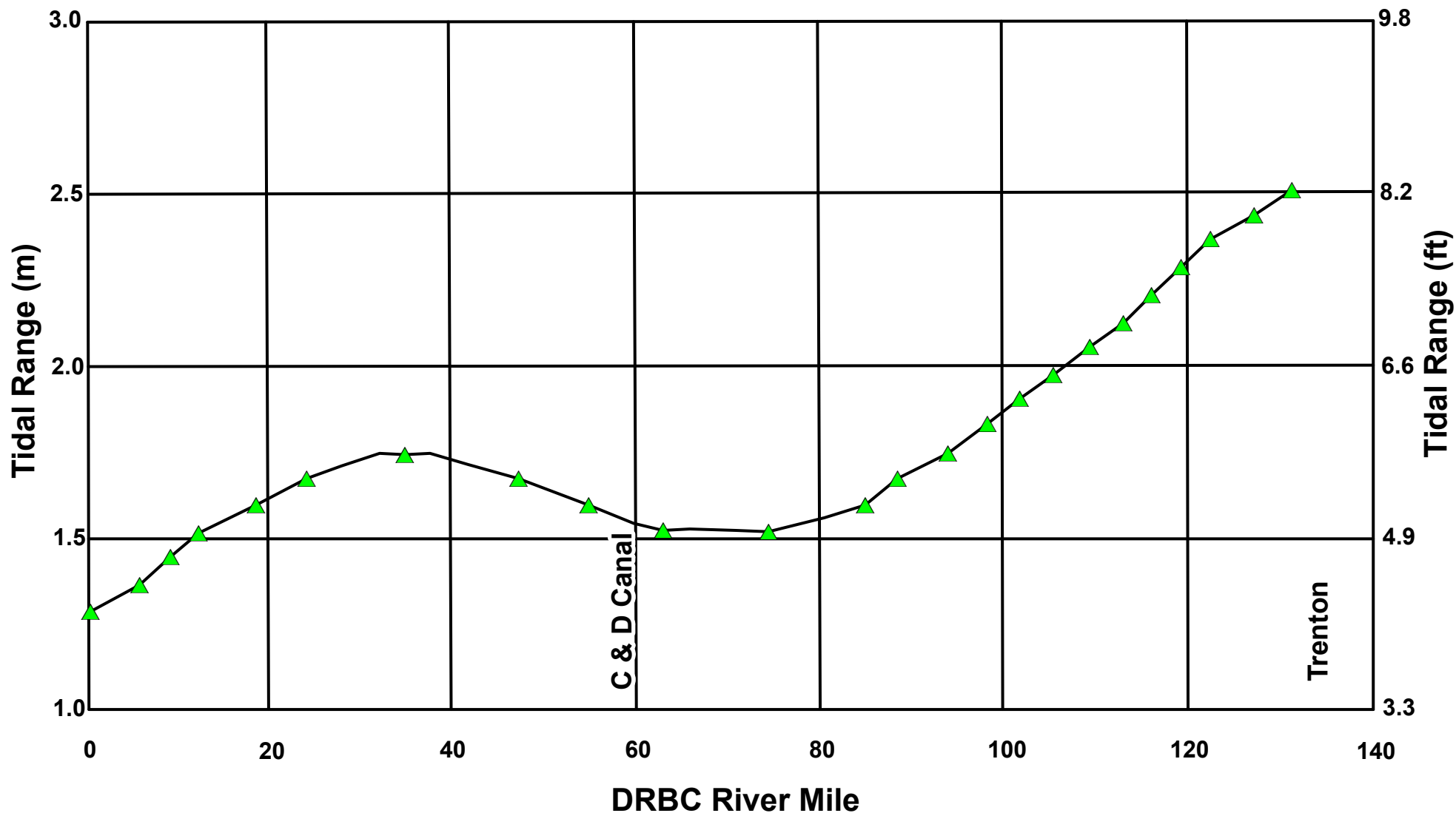
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FEMA 100 Year
Flood Plain - PSEG Site

FIGURE 2.3-6

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LEGEND

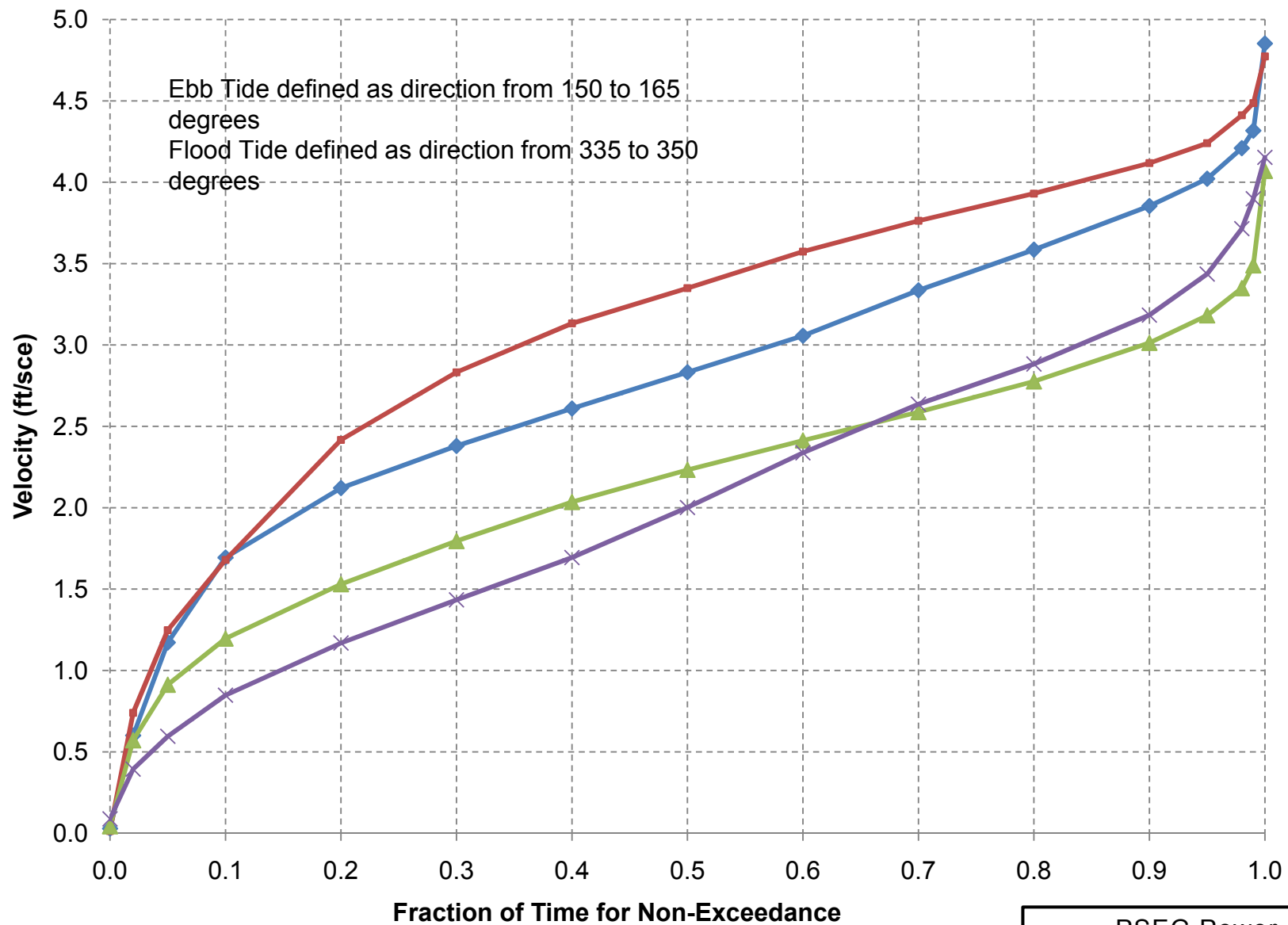
▲ DRBC River Mile Location

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Delaware Estuary Tidal Ranges
Along the Navigation Channel

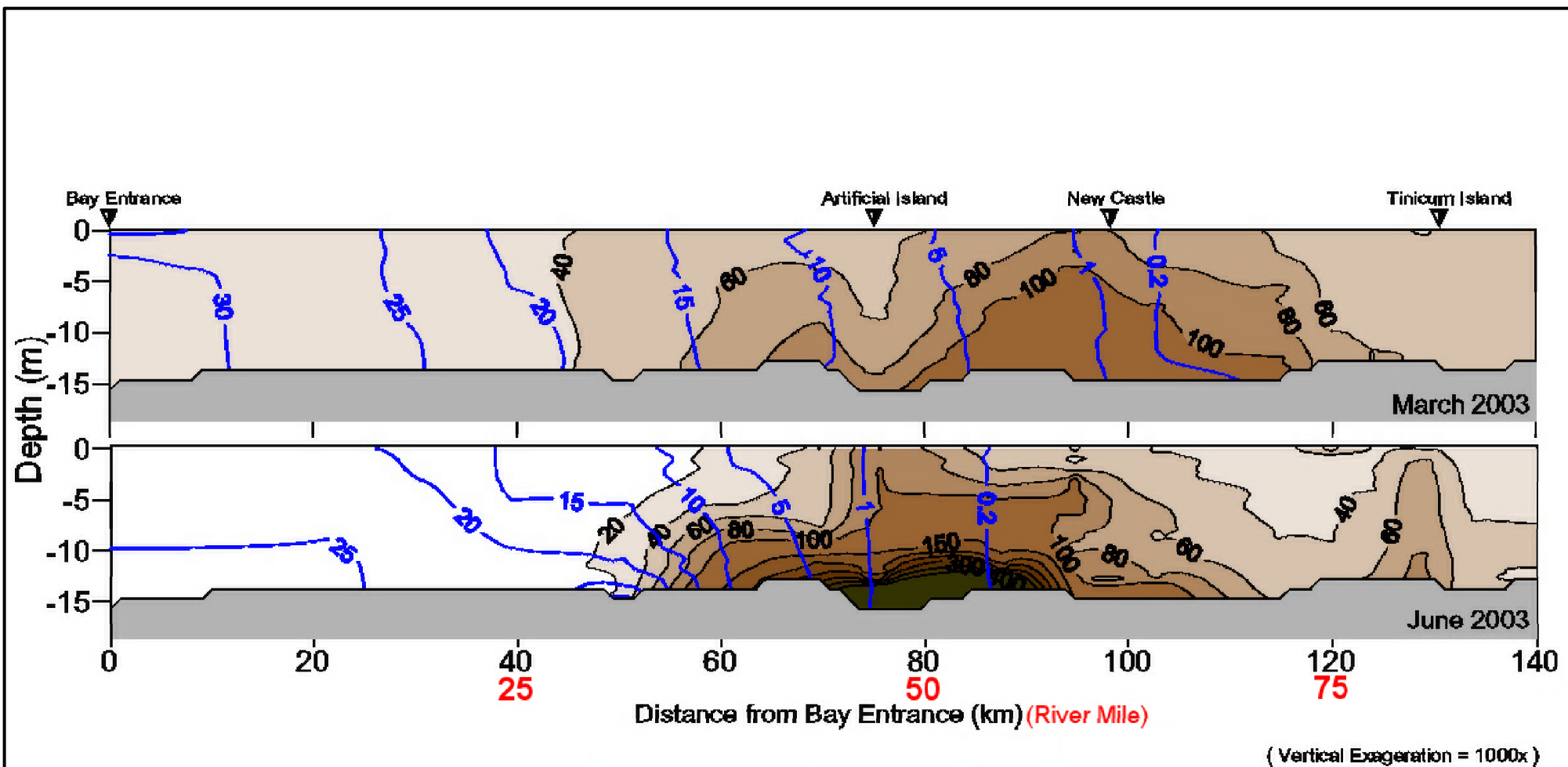
FIGURE 2.3-7

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LEGEND

- ◆ Ebb (Feb-Jun 2009)
- Ebb (Jun-Sep 2008)
- ▲ Flood (Feb-Jun 2009)
- × Flood (Jun-Sep 2008)



LEGEND

- Salinity Concentration
- Suspended-Sediment Concentration

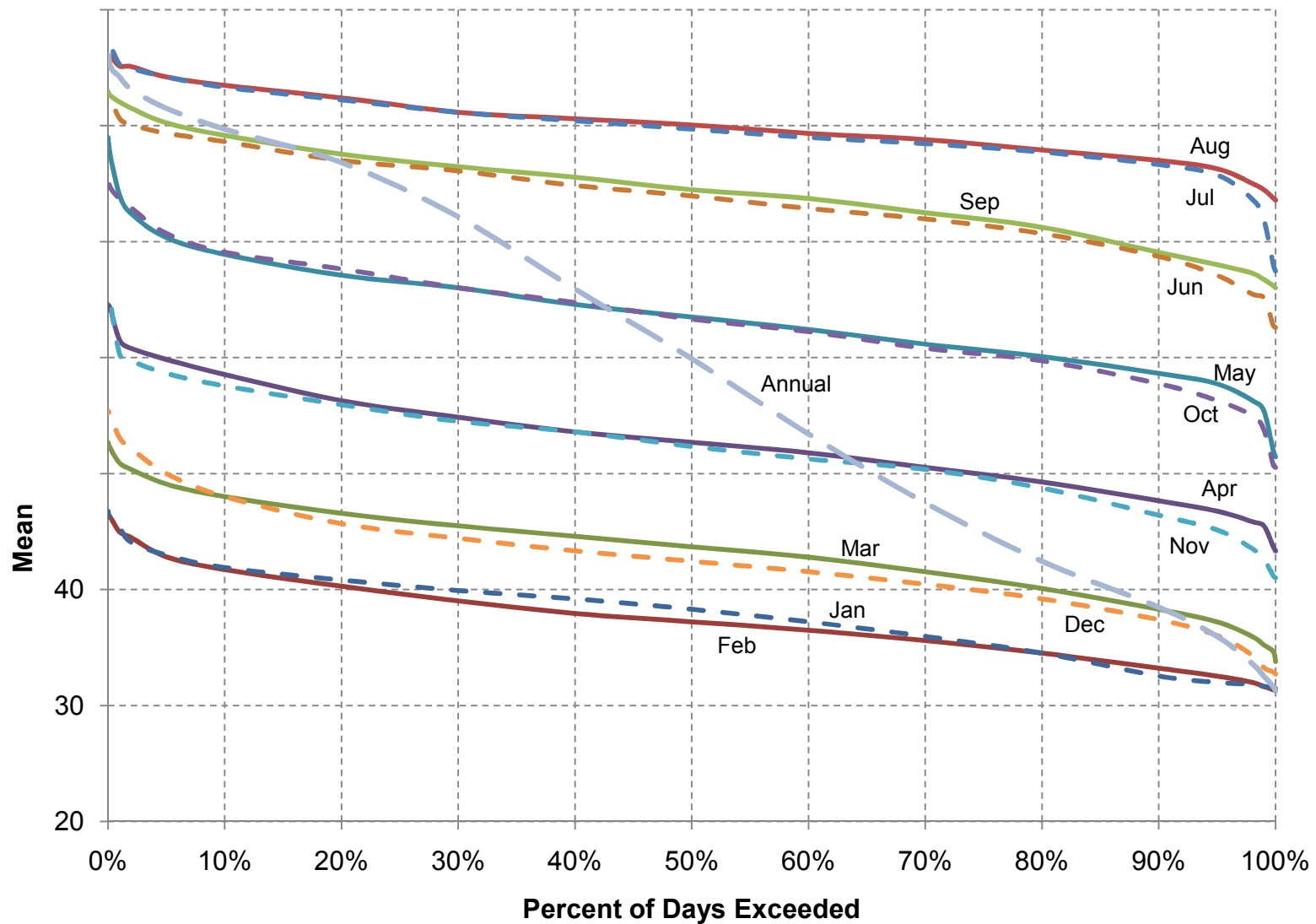
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Hydrographic Transects of Salinity
and Suspended-Sediment Concentration
in the Delaware Estuary

FIGURE 2.3-9

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LEGEND

Aug May Mar
 Jul Oct Dec
 Sep Apr Feb
 Jun Nov Jan
 Annual

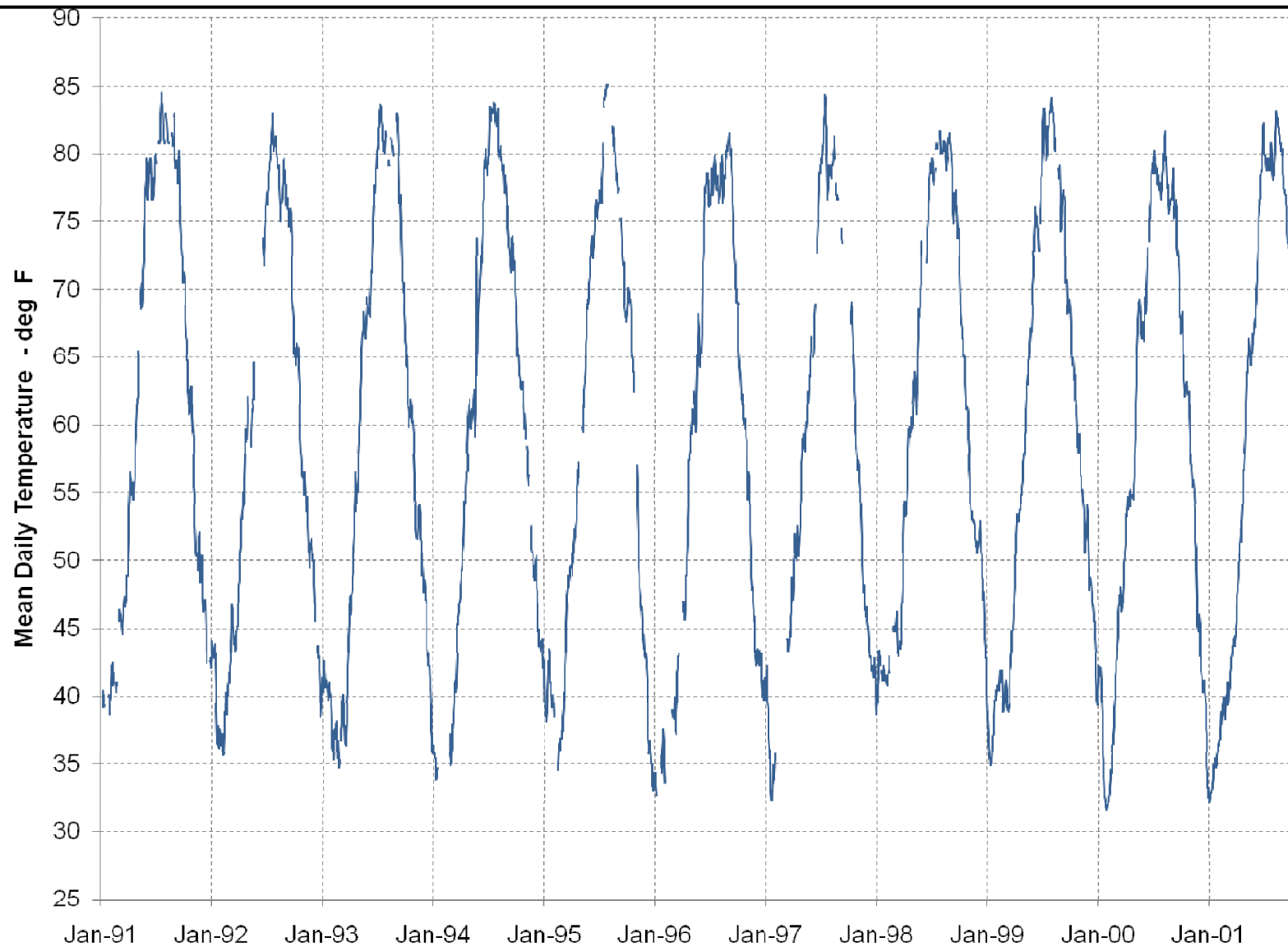
Reference: 2.3-74

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Daily Mean Water
 Temperature Duration Curves -
 Reedy Island Jetty

FIGURE 2.3-10

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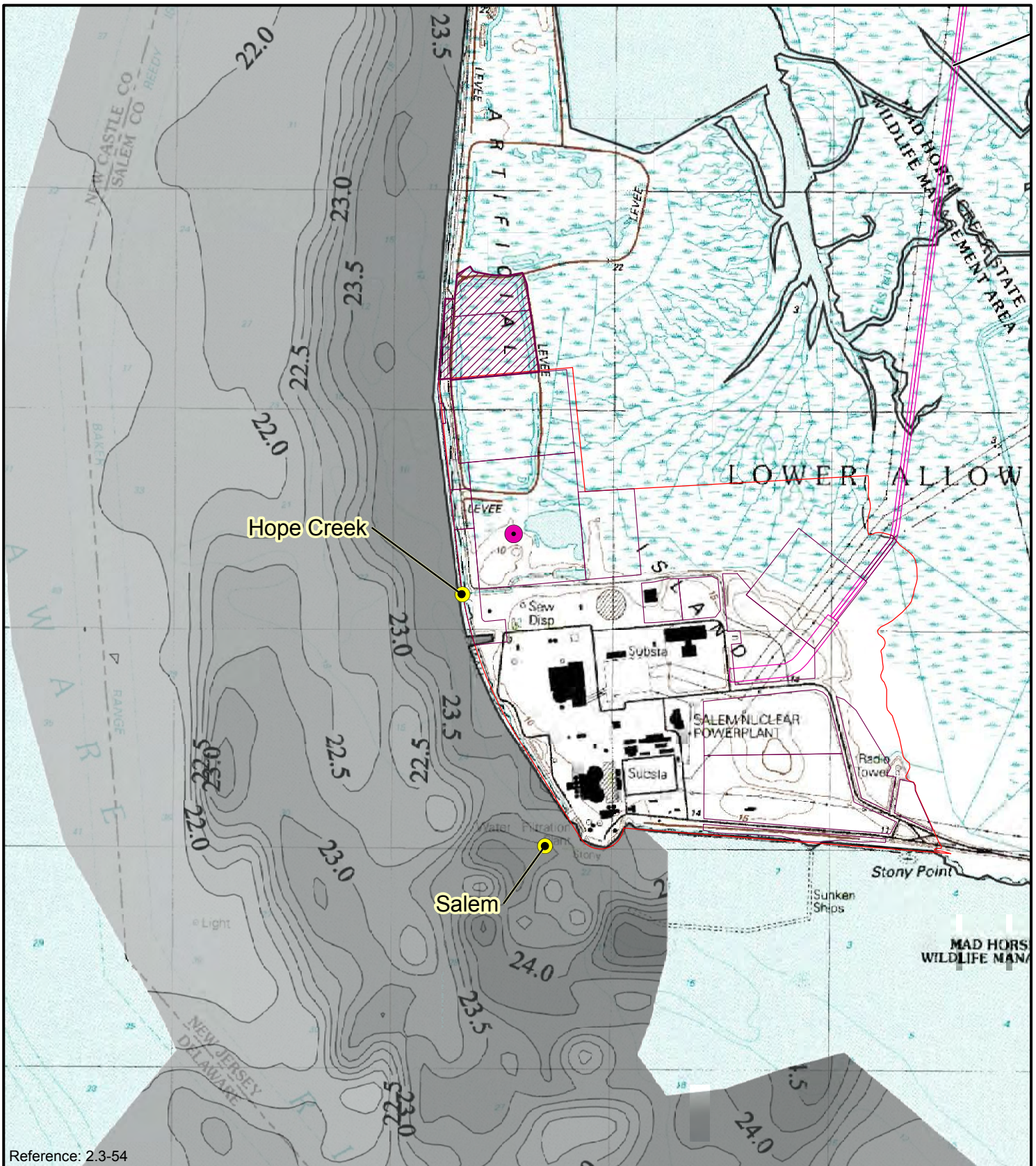
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Mean Daily Average
Water Temperature
at Reedy Island Jetty (USGS)

FIGURE 2.3-11

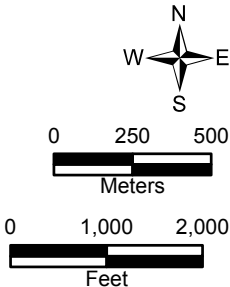
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Reference: 2.3-54

Legend

- Site Location
- Plant Discharge
- Surface Temperature (deg C) Contour
- Site Boundary
- Adjacent Off-site Area
- Causeway



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Contours of Measured Surface
Temperatures for a Flood
Phase on May 29, 1998

FIGURE 2.3-12

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