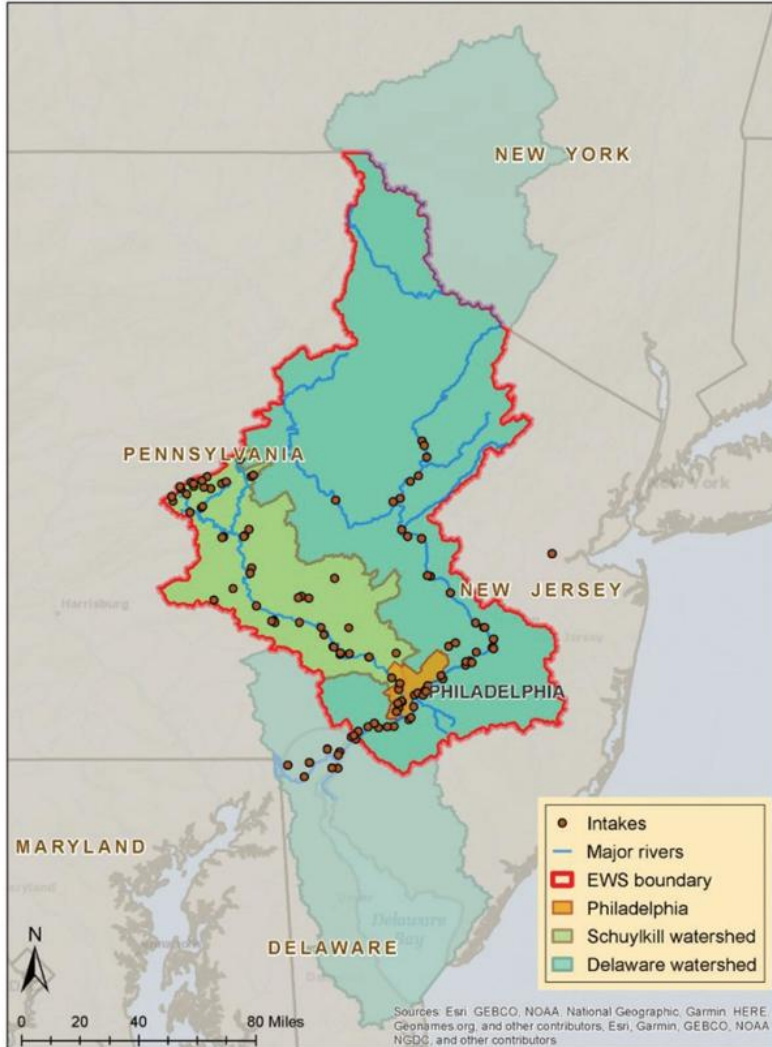


Delaware Valley Early Warning System

EWS Coverage Area



- Delaware Valley Early Warning System (EWS): a notification and modeling system to provide advance warning of water contamination events
- Development began in 2002 by PWD
- More than 500 subscribers from 62 organizations (utilities, industry, regulators)
- Web-based tool with email and telephone notifications
- Users report events
- Model estimates arrival time of spill at intakes

Live Event Reporting

Delaware Valley Early Warning System

Home Events Resources Flood Forecast Viewer Member Directory Help

DEMO SITE This is the demo site for the Delaware Valley EWS

Event 975

Update Event Details

Event Summary Affected Water Intakes Tidal Model

General Information

Reported on 3/19/2026 9:54 AM
By Matthew Fritch
Event Date 3/19/2026
Time 11:22 AM
Risk High
Status Updated

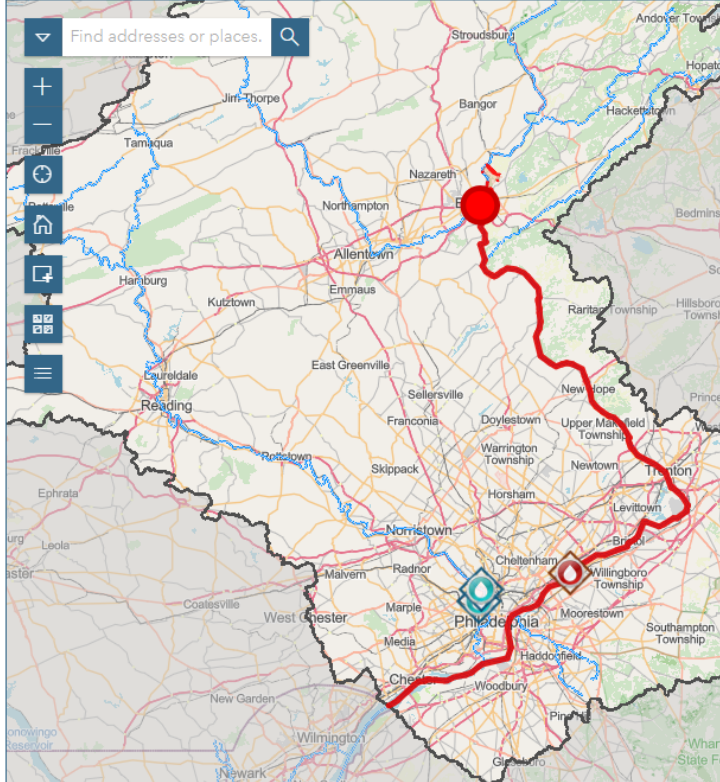
Description Train derailment, 22 cars in the Delaware river and several cars on fire. NRC report # XXXX. Derailment occurred at the Lehigh Valley Railroad Bridge at 2 am. At this point we are unaware of possible chemicals released. 25 gallons of AFFF have reportedly been released in firefighting efforts. Visible sheen and discoloration on the water.

Updates

Update 1 - entered by Matthew Fritch on 3/19/2026 11:23 AM Show Details

Location

Municipality Phillipsburg Town, Warren County, NJ
Watershed Delaware
Latitude & Longitude 40.68783053, -75.20205314
Receiving Waterway Delaware River



- Used a demo version of EWS
- Live reporting of event during tabletop exercise
- Ease of use
- Any EWS subscriber can report
- Write what you know
- Tabletop exercise attendees could log into demo version for updates on their own devices

Riverine Model EWS Results

demo.delawarevalleyews.org

DEMO SITE

This is the demo site for the Delaware Valley EWS

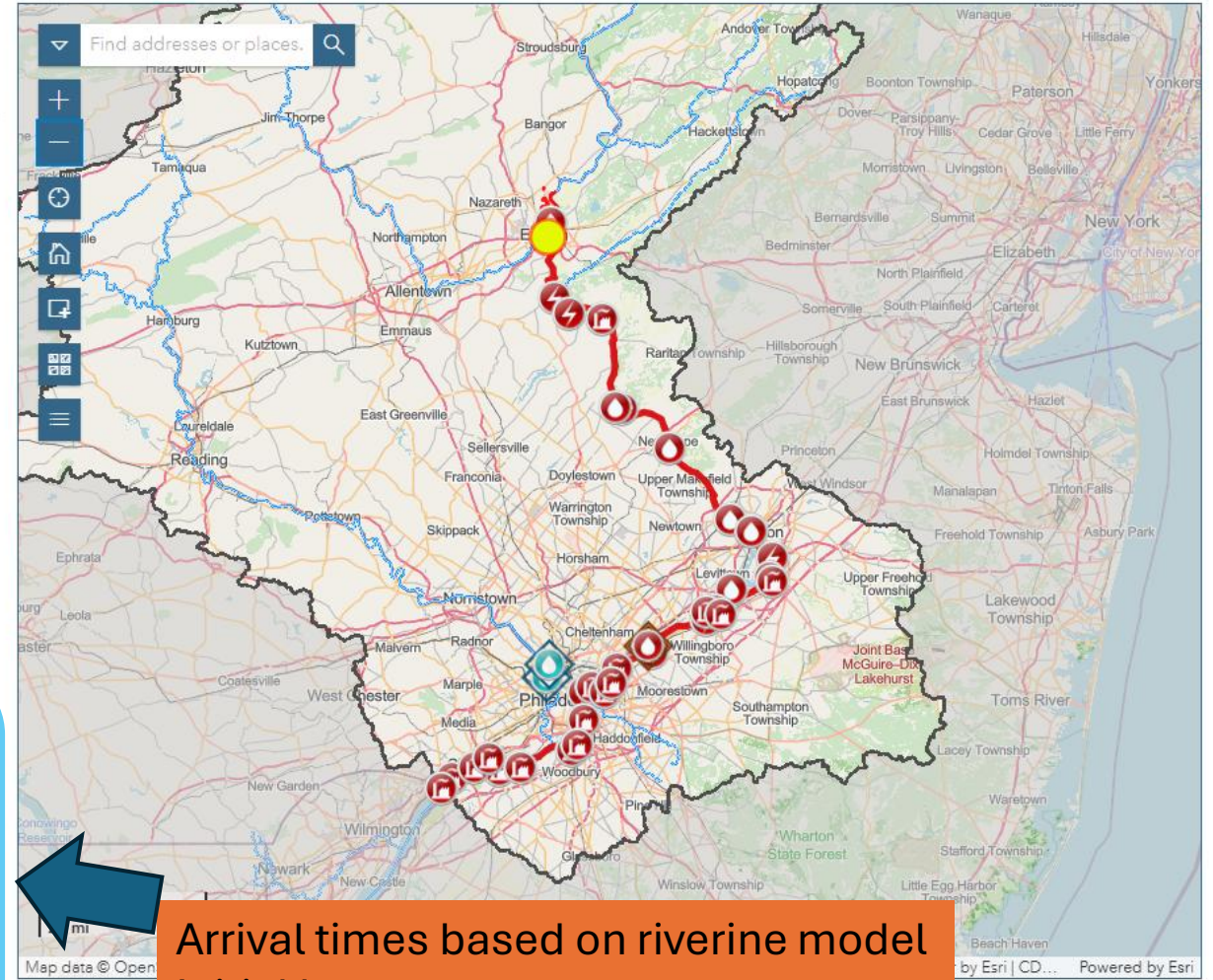
Event 972

Update Event Details

Event Summary Affected Water Intakes Tidal Model

Affected Water Intakes

Name	Type	Arrival Time with current flow	Arrival Time with historic max flow	Map
Easton	🔴	Not Calculated	Not Calculated	Map
Reliant-Milford	⚡	3/4/2026 7:37 PM	3/4/2026 3:55 PM	Map
Jersey Central P&L	⚡	3/4/2026 10:39 PM	3/4/2026 5:52 PM	Map
Crown Vantage	🏠	3/5/2026 2:38 AM	3/4/2026 8:26 PM	Map
NJWS-D&R Canal	🔴	3/5/2026 12:33 PM	3/5/2026 2:48 AM	Map
Forest Park Water	🔴	3/5/2026 12:33 PM	3/5/2026 2:48 AM	Map
Bucks Co	🔴	3/5/2026 8:48 PM	3/5/2026 8:05 AM	Map
Morrisville	🔴	3/6/2026 6:31 AM	3/5/2026 2:20 PM	Map
PAWC-Yardley	🔴	3/6/2026 6:31 AM	3/5/2026 2:20 PM	Map
Trenton	🔴	3/6/2026 6:31 AM	3/5/2026 2:20 PM	Map
PSEG-2	⚡	3/6/2026 12:08 PM	3/5/2026 5:56 PM	Map
US Steel	🏠	3/6/2026 3:36 PM	3/5/2026 8:10 PM	Map
Stepan	🏠	3/6/2026 3:36 PM	3/5/2026 8:10 PM	Map
Lower Bucks JMA	🔴	3/6/2026 8:58 PM	3/5/2026 11:36 PM	Map
US Pipe	🏠	3/6/2026 10:56 PM	3/6/2026 12:52 AM	Map
Burlington	🔴	3/6/2026 11:30 PM	3/6/2026 1:14 AM	Map
AQUA-Bristol	🔴	3/6/2026 11:30 PM	3/6/2026 1:14 AM	Map



Arrival times based on riverine model
Initial best guess

Tidal Model EWS Results

Event 972

Update Event Details

Event Summary Affected Water Intakes **Tidal Model**

Tidal Model
What does the tidal model display? [Learn More](#)

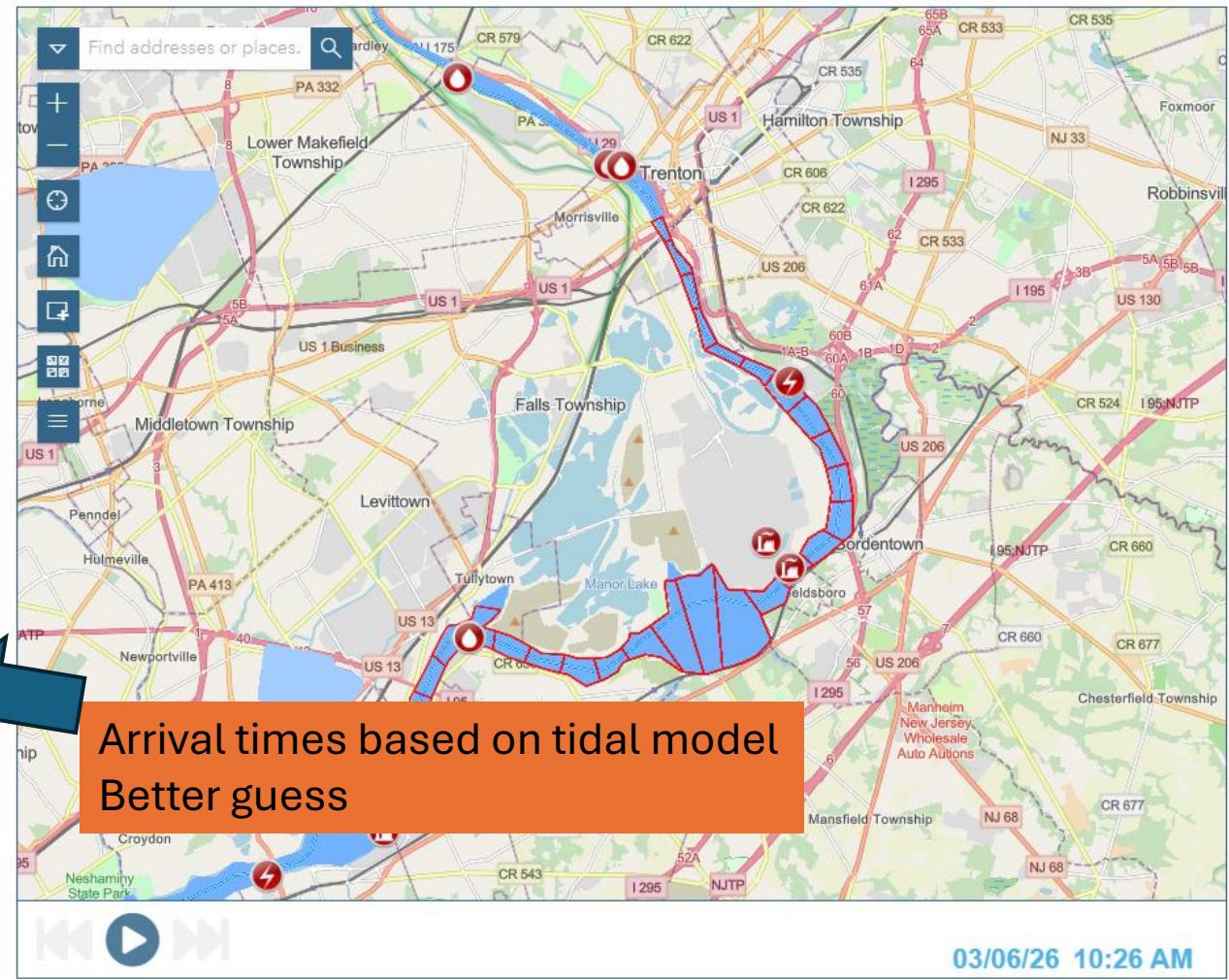
Final Tidal Model results are available
Check out the map to review results from **Thursday, 3/5/2026 at 4:36 PM**

There are no future Tidal Model updates scheduled for this event

Intake Arrival Times - list of intakes may change with subsequent model updates every 6 hours

Name	Arrival Time
PSEG-2	3/6/2026 11:26 AM
Stepan	3/6/2026 7:26 PM
US Steel	3/6/2026 7:26 PM
Lower Bucks JMA	3/7/2026 8:26 AM

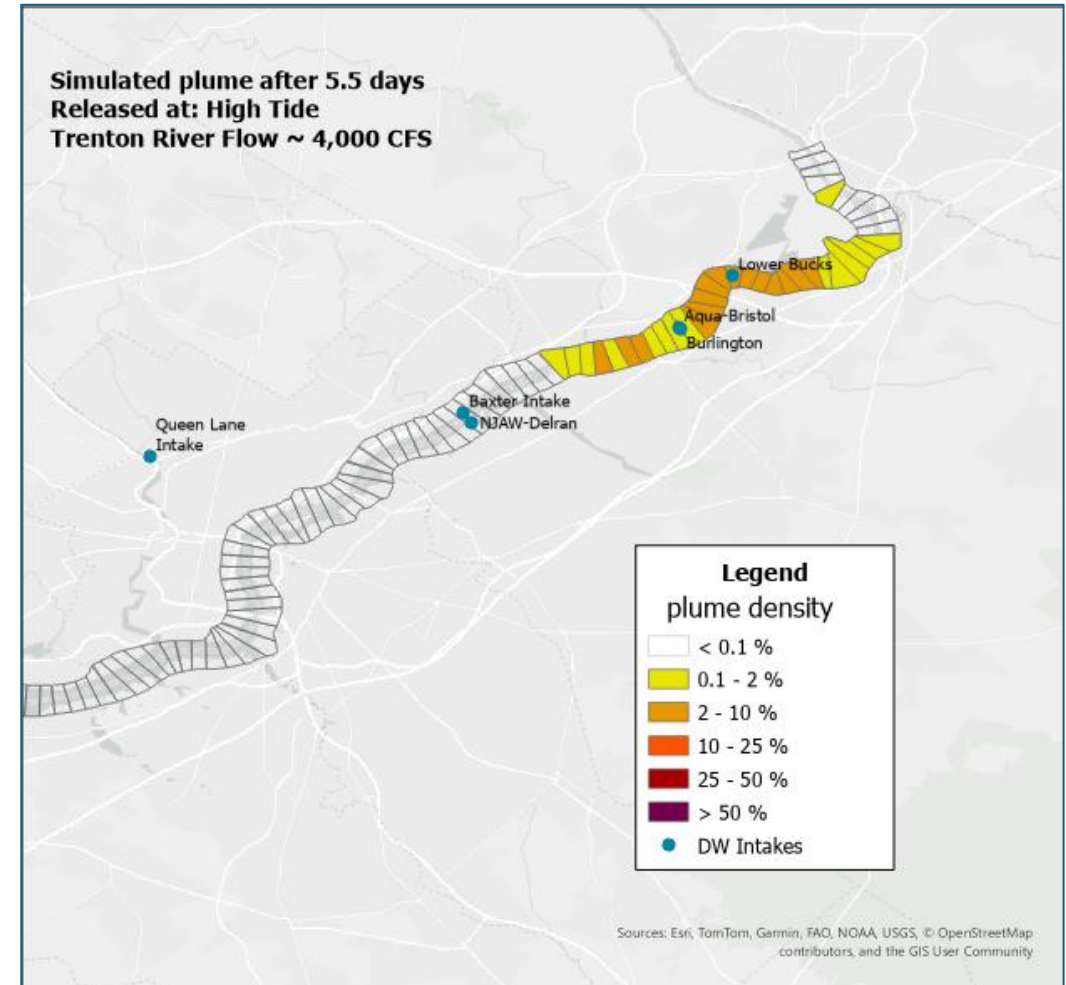
Show tidal model run history



Arrival times based on tidal model
Better guess

Early Warning System - Takeaways

- New users and subscriber information updates
- Subscribers must opt in to receive telephone alerts
- Suggestion: Text notifications for events
- Suggestion: Ability to attach photos or video to event reporting
- Opportunities for EWS user trainings
- Understanding of EWS modeling capabilities
- EWS is a primary tool for communicating during emergency events



Would take several days after entering tidal system to reach any DW intakes