

Federal Report Outs

RRT5 





Role	RRT Member	Agency	Contact Info
Primary	Jason El-Zein	US EPA	734-214-4900 El-zein.Jason @epa.gov
Alternate	Sam Borries	US EPA	312-353-8360 Borries.Samuel@epa.gov
RRT Coordinator	Barbi Lee	US EPA	312-886-5296 Lee.barbi@epa.gov

Personnel Changes

- Malcom Grieves, OSC (Green Bay)
- 3 pending OSC hires (Chicago, Westlake, Ann Arbor)
- No departures

Overview

- Transportation Rail Incident Preparedness and Response Training
 - NW Indiana, NE Ohio, Southern Illinois
- Oil Response Tactics Tool (rrt5.org)
- National Historic Preservation Act webinar (March 20)
 - Presentations will be available online (rrt5.org)
- Continue Tribal Engagement

Division Director/Immediate Office
Douglas Ballotti
 312-353-9773 (S-6J)
Thomas Short, Deputy Director
 312-353-8826
 Org # UH000000

**Emergency Response
 Branch #1 (SE-5J)**
 Jason El-Zein
 734-214-4900 & (6-6039)
 Org # UHA00000

**Emergency Response
 Branch #2 (SE-5J)**
 Samuel Borries
 312-353-8360
 Org # UHB00000

**Remedial Response
 Branch #1 (SR-6J)**
 Joan Tanaka
 312-353-5425
 Org # UHC00000

**Remedial Response
 Branch #2 (SR-6J)**
 Timothy Fischer
 312-886-5787
 Org# UHD00000

**Remedial Response
 Branch #3 (SR-6J)**
 Jennifer Elkins
 312-353-4627
 Org# UHF000000

**Operations Management
 Branch (SO-5J)**
 Jamie Brown
 312-886-2256
 Org # UHE00000

**Emergency Response
 Section #1 (SE-5J)**
 James Augustyn
 440-250-1742
 Org # UHAA0000

**Emergency Response
 Section #3 (SE-5J)**
 Michael Ribordy
 312-886-4592
 Org # UHBA0000

**Remedial Response
 Section #1 (SR-6J)**
 Viral Patel (Acting)
 312-886-6943
 Org # UHCA0000

**Remedial Response
 Section #4 (SR-6J)**
 Jeffrey Thomas
 312-886-4061
 Org#: UHDA0000

**Remedial Response
 Section #7 (SR-6J)**
 David Franc (Acting)
 312-886-3543
 Org# UHFA00000

**FOIA & Records
 Management Section
 (SOF-6J)**
 Evette Jones
 312-886-7572
 Org # UHED0000

Oil Program Section (SE-5J)
 Matthew Mankowski
 312-886-1842
 Org # UHAB00000

**Emergency Response
 Section #4 (SE-5J)**
 Jeffrey Lippert
 312-886-6135
 Org # UHBB0000

**Remedial Response
 Section#2 (SR-6J)**
 Sarah Rolfes
 312-886-6551
 Org# UHCB0000

**Remedial Response
 Section #5 (SR-6J)**
 Leslie Blake
 312-353-7921
 Org # UHDB0000

**Remedial Response
 Section #8 (SR-6J)**
 Karen Kirchner
 312-353-4669
 Org# UHFB00000

**Contracts Management
 Section (SOC-5J)**
 Carl Norman
 312-886-5495
 Org # UHEE0000

**Emergency Response
 Section #2 (SE-5J)**
 Jeffrey Kimble (Acting)
 734-214-4895
 Org # UHAC0000

**Enforcement Support
 Section (SE-5J)**
 Carolyn Bohlen
 312-886-6541
 Org # UHBD0000

**Remedial Response
 Section #3 (SR-6J)**
 Robert Thompson (Acting)
 312-353-9078
 Org # UHCC0000

**Remedial Response
 Section #6 (SR-6J)**
 Kevin McCartney (Acting)
 312-886-0234
 Org # UHDC0000

**Remedial Response
 Section #9 (SR-6J)**
 Terese Van Donsel
 312-353-6564
 Org# UHFC00000

**Data and Budget
 Management Section (SOD-6J)**
 Vincent Saunders
 312-353-9077
 Org # UHEF0000

**Chemical Emergency
 Preparedness &
 Prevention Section (SE-5J)**
 Michael Hans
 312-353-5050
 Org # UHAD0000

**Site Assessment and
 Grants Section (SRS-6J)**
 Denise Boone
 312-886-6217
 Org # UHCD0000

**Field Services
 Section (SRF-5J)**
 Steven Padovani
 312-353-6755
 Org # UHEG0000

Laws/Regulations/Policies

- Final Revised Definition of "Waters of the United States" rule took effect on March 20, 2023. <https://www.epa.gov/system/files/documents/2023-01/Revised%20Definition%20of%20Waters%20of%20the%20United%20States%20FRN%20January%202023.pdf>.
 - More info available here: <https://www.epa.gov/wotus/revising-definition-waters-united-states>
- Proposed CWA Hazardous Substance Facility Response Plan rulemaking
 - <https://www.epa.gov/hazardous-substance-spills-planning-regulations/proposed-rulemaking-clean-water-act-hazardous>

MAJOR INCIDENTS

- East Palestine Train Derailment, East Palestine, Ohio
- Dairyland Power, Ladysmith, Wisconsin
- Menominee Michigan Warehouse Fire, Menominee, Michigan
- Carus LLC Chemical Plant Fire, LaSalle, Illinois

Accomplishments

- NHPA/HPS Webinar, March 20, 2023
- FRP Program
 - 5 GIUEs, 4 Inspections and 4 OfCMs.
 - Approved 6 FRPs, Disapproved 21 FRPs and have 1 Five Year review approved
- SPCC Program
 - 5 SPCC inspections, 1 Offsite Compliance Monitoring evaluations
- Virtual EPA OSC training, January, 2023
- In-person Angola, IN OSC training March, 2023 (postponed)

QUESTIONS?

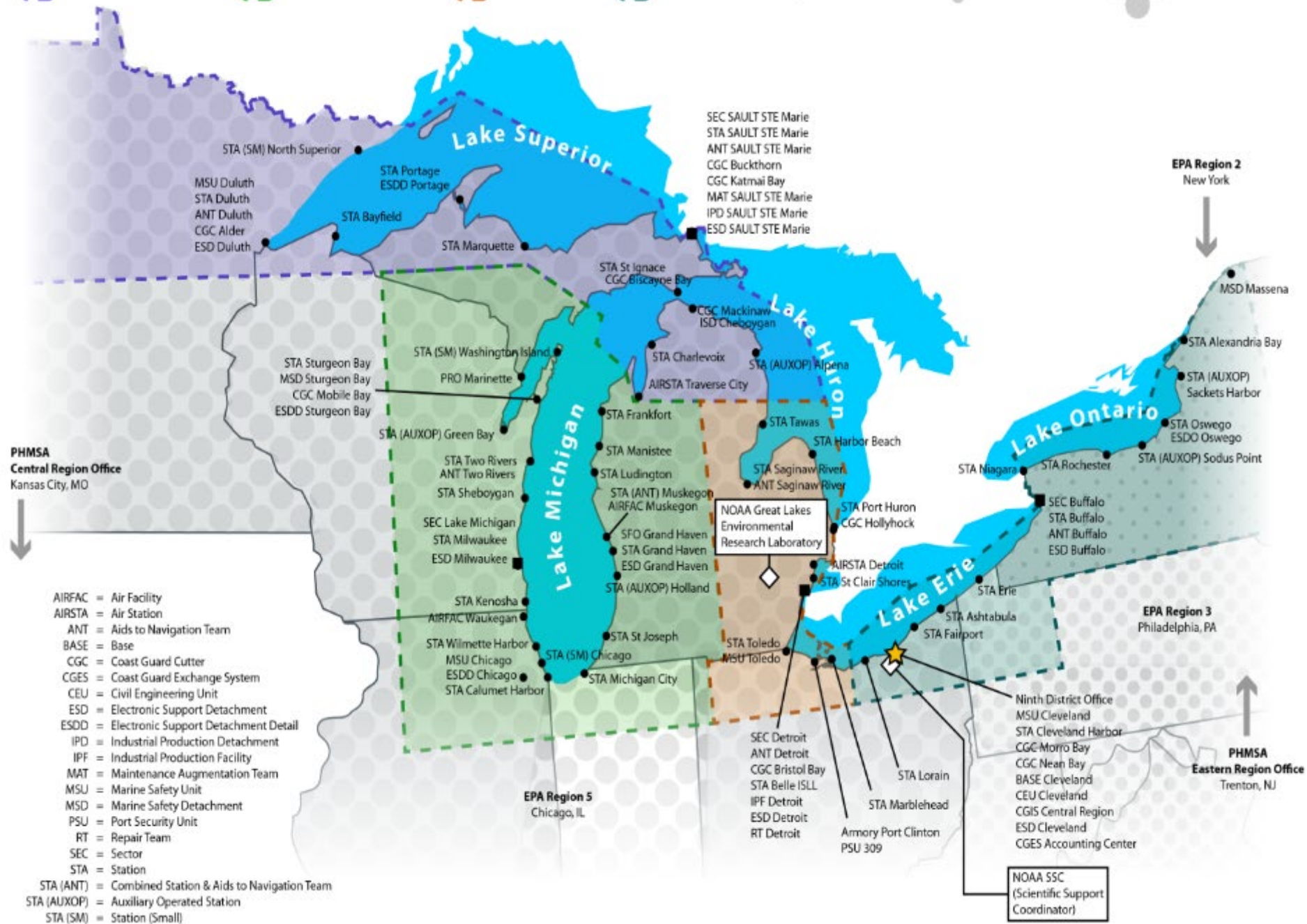
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RRT5 





Role	RRT Member	Agency	Contact Info
Co-Chair	Jerry Popiel	USCG D9	216-214-4325 jerome.a.Popiel@uscg.mil
Alternate Co-Chair	T. J. Mangoni	USCG D9	216-214-4250 anthony.j.Mangoni@uscg.mil
Coordinator	Scott Binko	USCG D9	216-902-6210 scott.a.binko1@uscg.mil



Ninth Coast Guard District

D9 Marine Environmental Response FY 2022 Workload Breakdown

* MER notifications made to D9 via the National Response Center (NRC) per the requirements in 40 CFR § 302.6

832 Notifications*

+10%
from FY21

* More than 99% of all cases were in "minor" category

501 MER Cases*

-21%
from FY21

331
Evaluated, no case or follow-up action required, outside of jurisdiction or forwarded to other agency

Significant Responses
Oswego Powerplant (Buffalo)
USS THE SULLIVANS (Buffalo)
Tug SUPERIOR (SSM)

OSLTF: Opened 11 times

Updates

- **Completion of Region 5 Endangered Species Act Biological Evaluation (ESA BE)**
<https://rrt5.org/Tools/BiologicalEvaluation.aspx>
- **Continuing work on Region 2/3 (Great Lakes coastlines-only) ESA BE**
- **USCGA work on visualization tool for ESA BE data**
- **Salvage & Marine Firefighting Task Force**
- **Continued development of ROV-LC program**
- **Continued development of SR-UAS program**
- **Procurement of OILMAP licenses for planning and GRS validation**
- **Hiring of USCG D9 PREP/ACP Lead Planner (retirement of Bob Allen)**
- **New incoming district commander, RADM Jonathon Hickey**
- **Continued standup of CG HQ's GLCOE (Sault Ste. Marie & Ann Arbor)**



U.S. Coast Guard Great Lakes Oil Spill Center of Expertise



Purpose: Operationalize innovative ideas that improve freshwater and arctic oil spill responses.

The GLCOE is a non-regulatory, non-operational body with a legislative mandate to conduct research in the domain of oil spill response.



U.S. Coast Guard Great Lakes Oil Spill Center of Expertise

PURPOSE

- The GLCOE's purpose is to operationalize innovative ideas that improve freshwater and arctic oil spill responses.
- The GLCOE is an independent, non-operational body with a legislative mandate to conduct research in the domain of oil spill response.

HISTORY

- **2016** – Congress required Coast Guard to prepare an oil spill response assessment in the Great Lakes
- **2018** – The report from the Coast Guard to Congress informed Section 807 of the Coast Guard Authorization Act of 2018, directing the establishment of the Great Lakes National Center of Expertise for Oil Spill Preparedness and Response (GLCOE)
- **2018** – Senator Peters secured \$4.5M for the Great Lakes Center of Expertise initiative.
- **2020** – Homeland Security Operational Analysis Center made recommendations for short/long-term progress and logistics, including staffing positions, partnerships, and site locations.
- **Summer/Fall 2022** – Active Duty positions are staffed and Civilian positions have been posted.

SEC. 807. [14 U.S.C. 313 note] CENTER OF EXPERTISE FOR GREAT LAKES OIL SPILL SEARCH AND RESPONSE.

(a) **IN GENERAL.**—Not later than 1 year after the date of enactment of this Act, the Commandant of the Coast Guard shall establish a Center of Expertise for Great Lakes Oil Spill Preparedness and Response (referred to in this section as the “Center of Expertise”) in accordance with section 313 of title 14, United States Code, as amended by this Act.

(b) **LOCATION.**—The Center of Expertise shall be located in close proximity to—

(1) critical crude oil transportation infrastructure on and connecting the Great Lakes, such as submerged pipelines and high-traffic navigation locks; and

(2) an institution of higher education with adequate aquatic research laboratory facilities and capabilities and expertise in Great Lakes aquatic ecology, environmental chemistry, fish and wildlife, and water resources.

(c) **FUNCTIONS.**—The Center of Expertise shall—

(1) monitor and assess, on an ongoing basis, the current state of knowledge regarding freshwater oil spill response technologies and the behavior and effects of oil spills in the Great Lakes;

(2) identify any significant gaps in Great Lakes oil spill research, including an assessment of major scientific or technological deficiencies in responses to past spills in the Great Lakes and other freshwater bodies, and seek to fill those gaps;

(3) conduct research, development, testing, and evaluation for freshwater oil spill response equipment, technologies, and techniques to mitigate and respond to oil spills in the Great Lakes;

(4) educate and train Federal, State, and local first responders located in Coast Guard District 9 in—

(A) the incident command system structure;

(B) Great Lakes oil spill response techniques and strategies; and

(C) public affairs; and

(5) work with academic and private sector response training centers to develop and standardize maritime oil spill response training and techniques for use on the Great Lakes.

(d) **DEFINITION.**—In this section, the term “Great Lakes” means Lake Superior, Lake Michigan, Lake Huron, Lake Erie, and Lake Ontario.

SITE LOCATIONS

Lake Superior State University (LSSU)

- Why LSSU?
 - Location: St Mary's River, Critical crude oil transportation infrastructure and connecting the Great Lakes
 - Aquatic research laboratory; expertise in Great Lakes aquatic ecology, environmental chemistry, fish/wildlife, and water resources
 - Open to the public



NOAA Great Lakes Environmental Research Laboratory (GLERL)

- Why GLERL?
 - Hosts key partners such as NOAA's National Ocean Service, Marine Sanctuary Program, National Marine Fisheries Service, Great Lakes Regional Collaboration Team, Great Lakes Sea Grant, and the International Association for Great Lakes Research.
 - CIGLR - Cooperative Institute for Great Lakes Research
 - 10 Universities, 2 NGOs, & 3 businesses
 - Lead Collaborator - University of Michigan



GLCOE Status Update & Collaboration

Status:

- Combination of active duty & civilian personnel at each location
- Hiring of GS positions ongoing
- Strategic project planning & integration for each location
- Focus to operationalize research

Collaborative Partnerships:

- NOAA OR&R
- NOAA GLERL & CIGLR
- ICCOPR
- NOAA Sea Grant Collaboration
- USCG Ninth District/local Sectors
- Canadian stakeholders



Highlighted Projects

Oil Spill Modeling

NOAA GLERL – Evaluate General NOAA Operational Modeling Environment (GNOME) for predicting trajectories in the Great Lakes and incorporate Great Lakes Coastal Forecasting Systems (GLCFS) surface currents forecast.

ROV/UAS Purchases

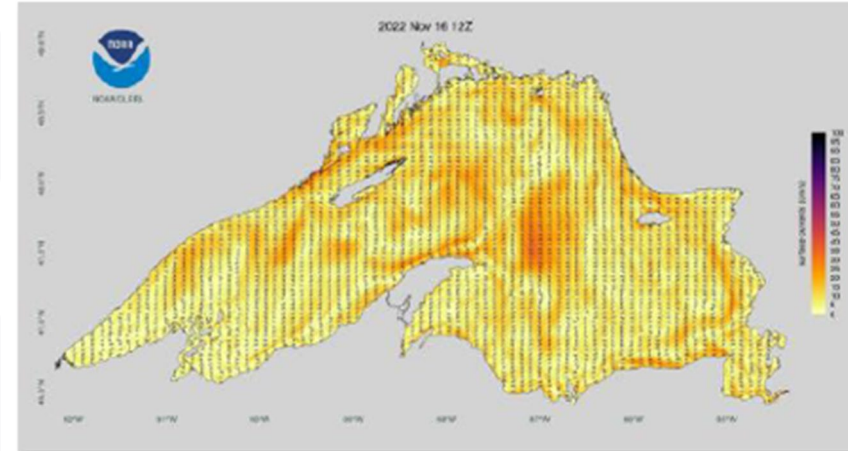
USCG – Initial purchase and field testing of UASs and ROVs in D9. Operationally used during commercial vessel groundings, vessel fires, sunken vessels, harbor spills, and hurricane response.

Great Lakes ESI Maps

NOAA OR&R – Updates for the Great Lakes Environmental Sensitivity Index maps.

Great Lakes Spill Response Capability and Gap Analysis

HSEOAC – Identify partnerships, capabilities, capacity, and roles to develop oil spill scenarios and identify gaps. Improve response to potential oil spills in the Great Lakes to reduce health, environmental, and economic risks.



Highlighted Projects

Detection of Oil in Ice with Unmanned Systems

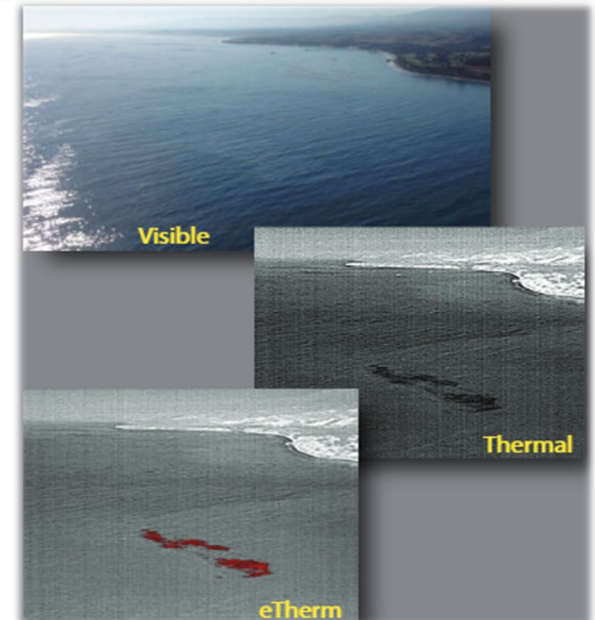
NOAA OR&R – Conduct field trials with UAS in an area with complicating elements of ice infested freshwater environment. Create protocols for flying and characterizing ice coverage in the field for application during actual oil spill incidents.

Spills of Opportunity

NOAA OR&R – Develop framework for soliciting, selecting, and updating an annual list of potential Spills of Opportunity projects; allow for rapid deployment during an incident to enhance our overall ability to support cleanup, assessments, and minimize ecological harm.

Proof of Concept – Polaris Oil Spill Detection Systems (PODS)

NOAA GLERL – Conduct a literature and market research of similar technologies to provide a comprehensive report on results and outcomes of best effective technologies for detecting and monitoring oil spills; evaluate the system's ability to, in real-time autonomous operation to monitor.



Thank you! Questions?



LCDR Kit Pace - Christopher.K.Pace@USCG.mil



Role	RRT Member	Agency	Contact Info
Primary	LCDR Chris Duffy	NOAA	202-557-6801 ssc.greatlakes@noaa.gov
Emergency Backup	NOAA Emergency Response HAZMAT hotline	NOAA	206-526-4911

Office of Pipeline Safety

Pipeline and Hazardous Materials Safety Administration



RRT5 Agency Update **Spring 2023** **St. Louis, MO**

Investigate – Analyze – Prevent

To Protect People and the Environment From the Risks of
Hazardous Materials Transportation





**Know what's below.
Call before you dig.**

**SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.**

We Support April as National Safe Digging Month



U.S. Department of Transportation
**Pipeline and Hazardous Materials
Safety Administration**

APRIL is National Safe Digging Month



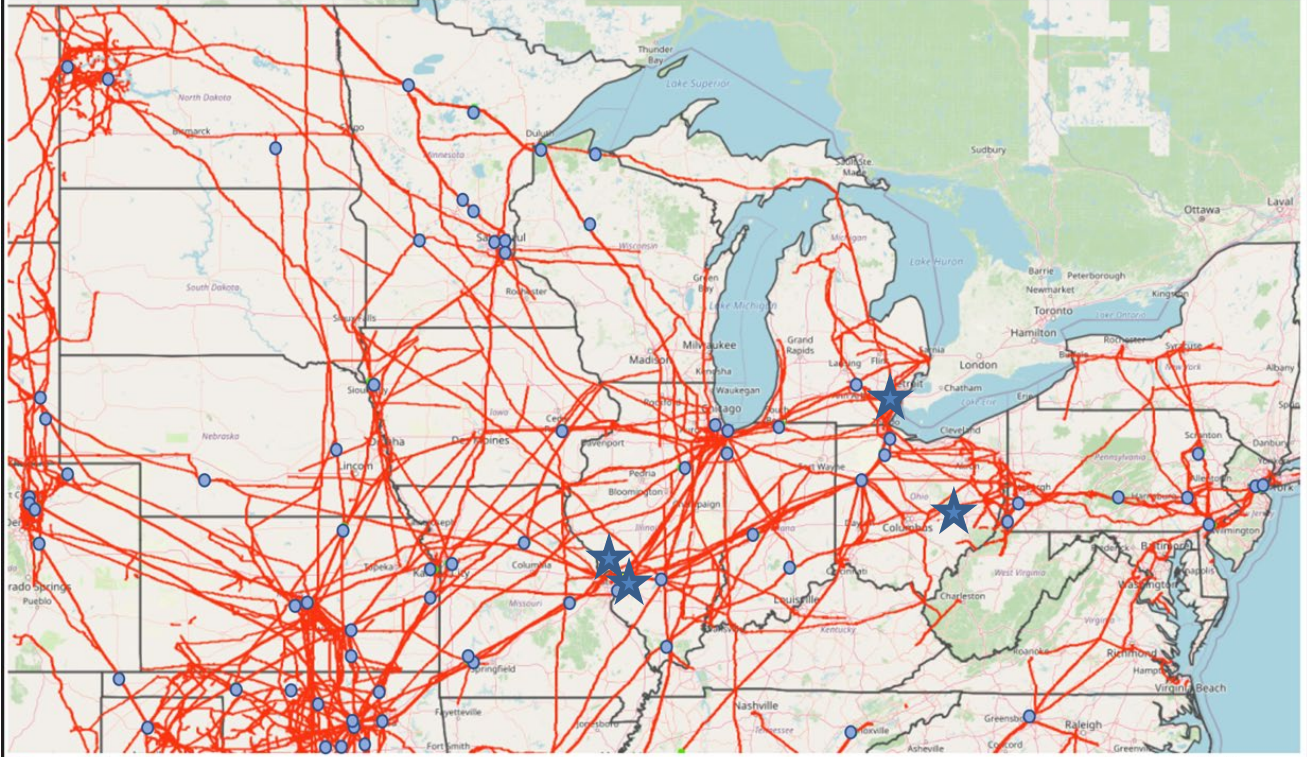
U.S. Department of Transportation
**Pipeline and Hazardous Materials
Safety Administration**

Investigate – Analyze – Prevent

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Hazardous Liquid Pipelines and Accidents (2022-2023)



This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Please see page 2 for the legend images

Projection: Web Mercator
Datum: WGS84

Map produced by PHMSA using the PIMMA Plus web map viewer
Basemap image © OpenStreetMap contributors
Date Printed: Mar 31, 2023

★ ● 2022-2023 Accident locations
— Hazardous Liquid Pipelines

Questions regarding this map or its contents can be directed to npms@dot.gov.

CUI

- 28 total spills
 - (5) 500 – 11,694 bbls
 - (7) 10 – 150 bbls
 - (16) 10 - <1 bbls



Investigate – Analyze – Prevent

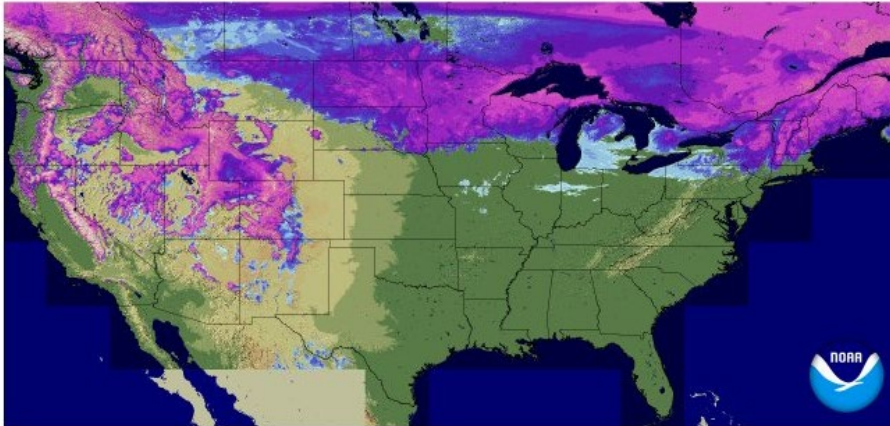
To Protect People and the Environment From the Risks of
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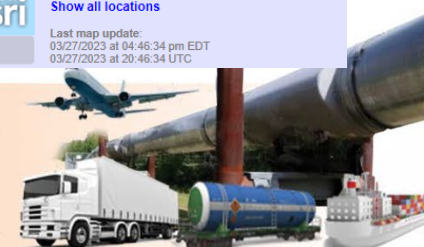
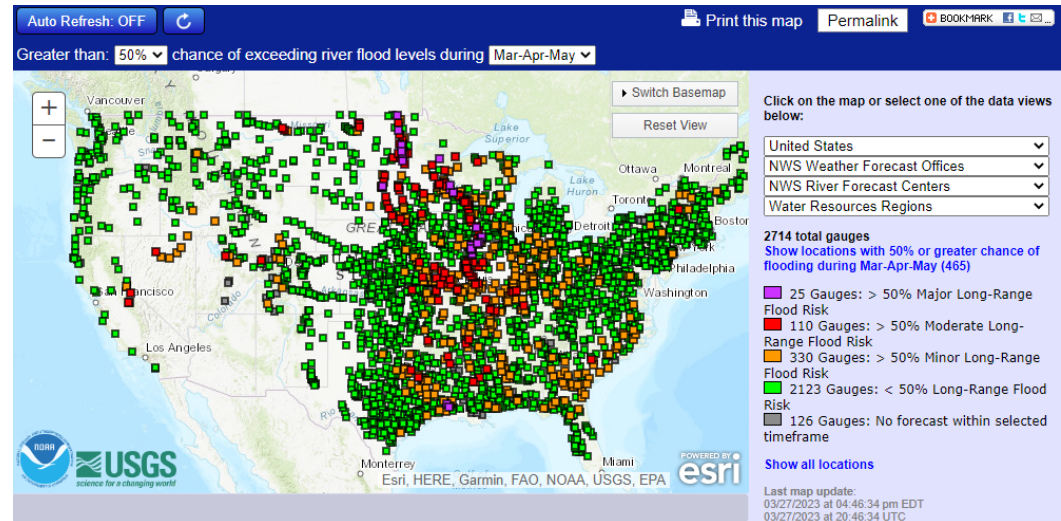
2023 Snowpack – Increased Flooding Risk

Snow Water Equivalent

2023-03-20 06 UTC



<https://www.nohrsc.noaa.gov/nsa/>



HOW TO BLOW UP A PIPELINE



[How To Blow Up A Pipeline - Official Trailer - In Theaters April 7 - YouTube](#)



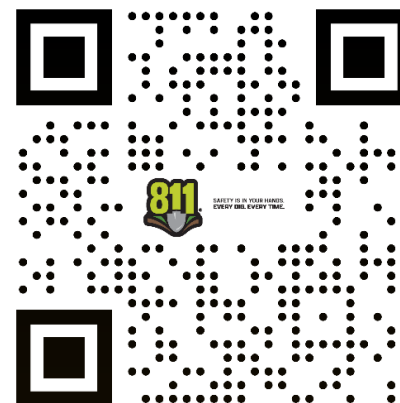


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EVERY DIG. EVERY TIME.**

April is National Safe Digging Month.

This month serves as a reminder to everyone to call 811 or go online to submit a request before you dig and practice safe digging.

Please scan the QR code below or visit www.call811.com for more information.



PHMSA

Accident Investigation Division

NPIC toll-free: (888) 719-9033

PHMSAAccidentInvestigationDivision@dot.gov

Investigate – Analyze – Prevent

