

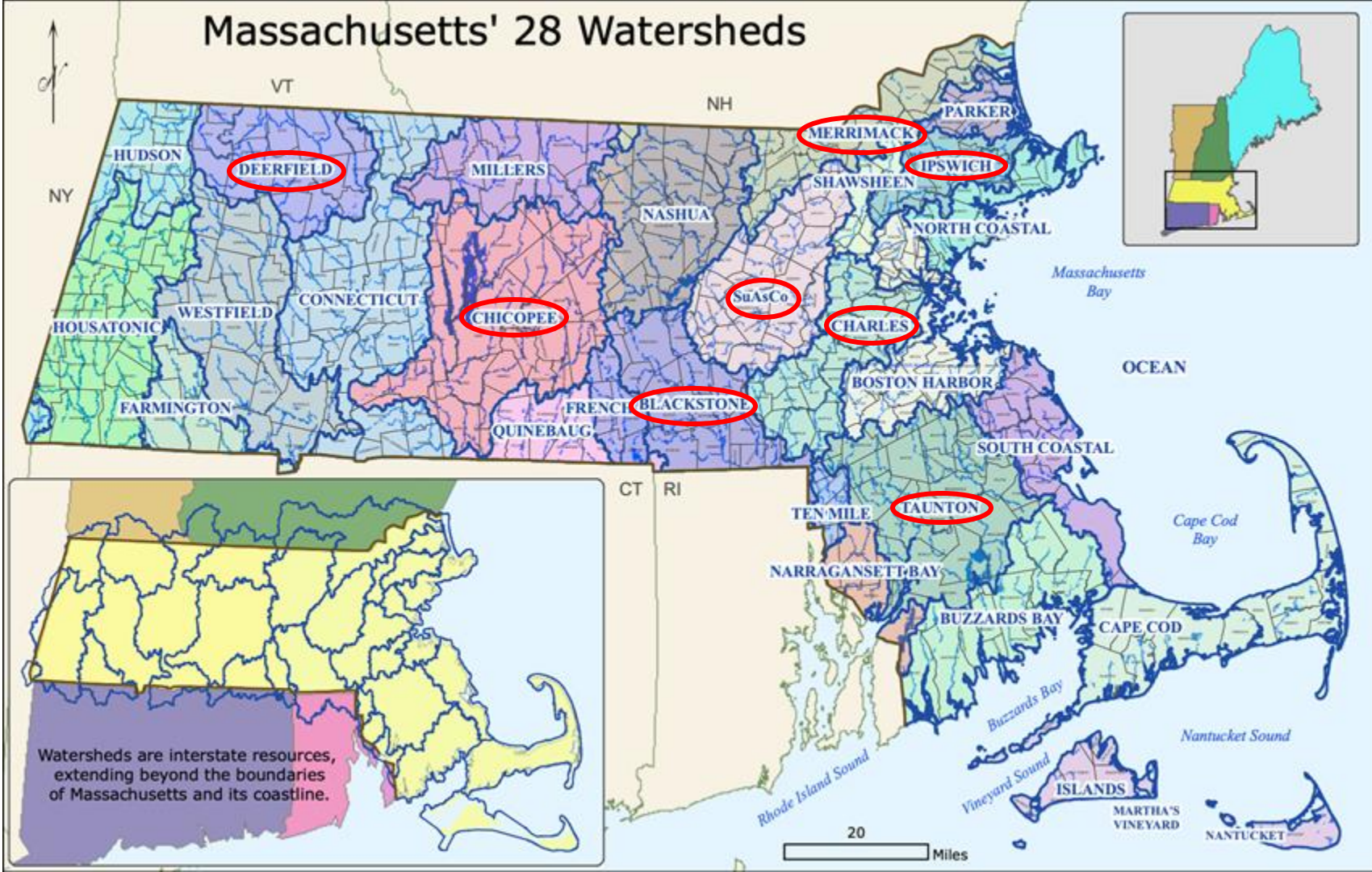


MASSACHUSETTS  
Rivers Alliance

# Drought Management Task Force Updates

October 8, 2024

# Massachusetts' 28 Watersheds



Watersheds are interstate resources, extending beyond the boundaries of Massachusetts and its coastline.

20 Miles

# Merrimack River Watershed

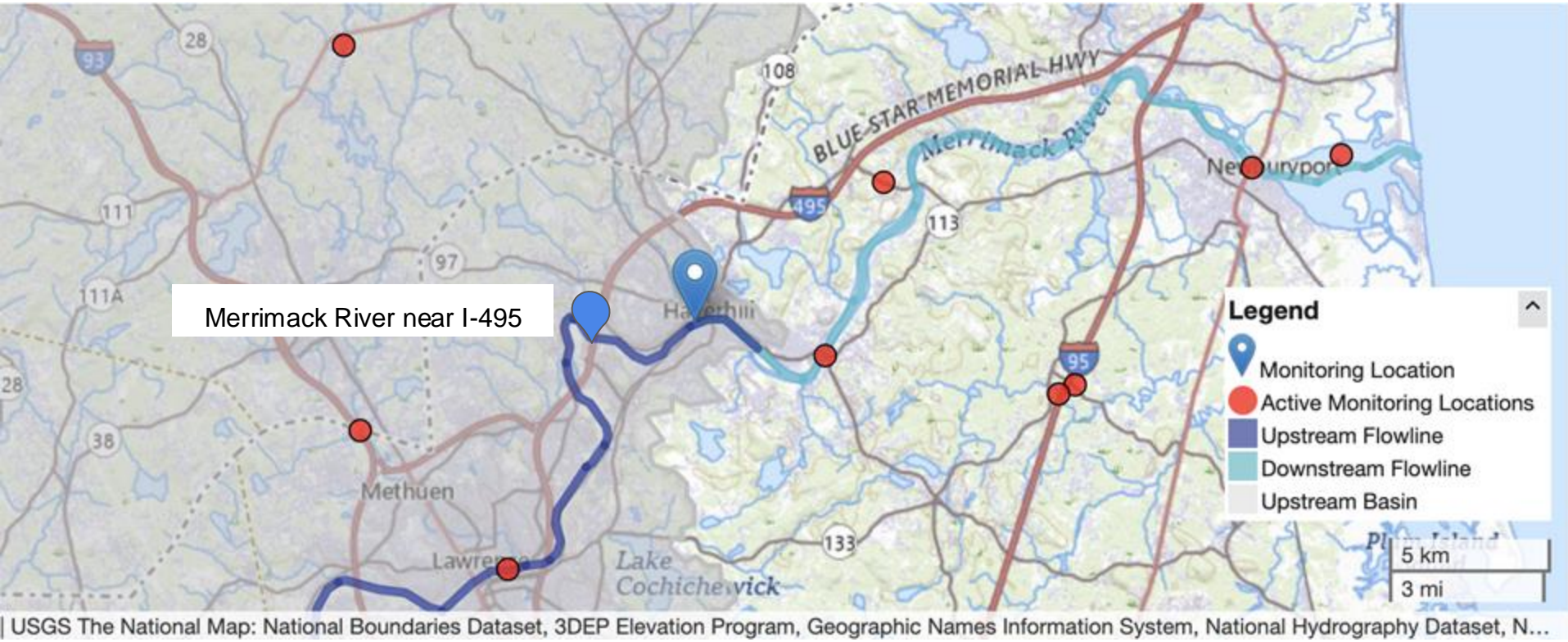


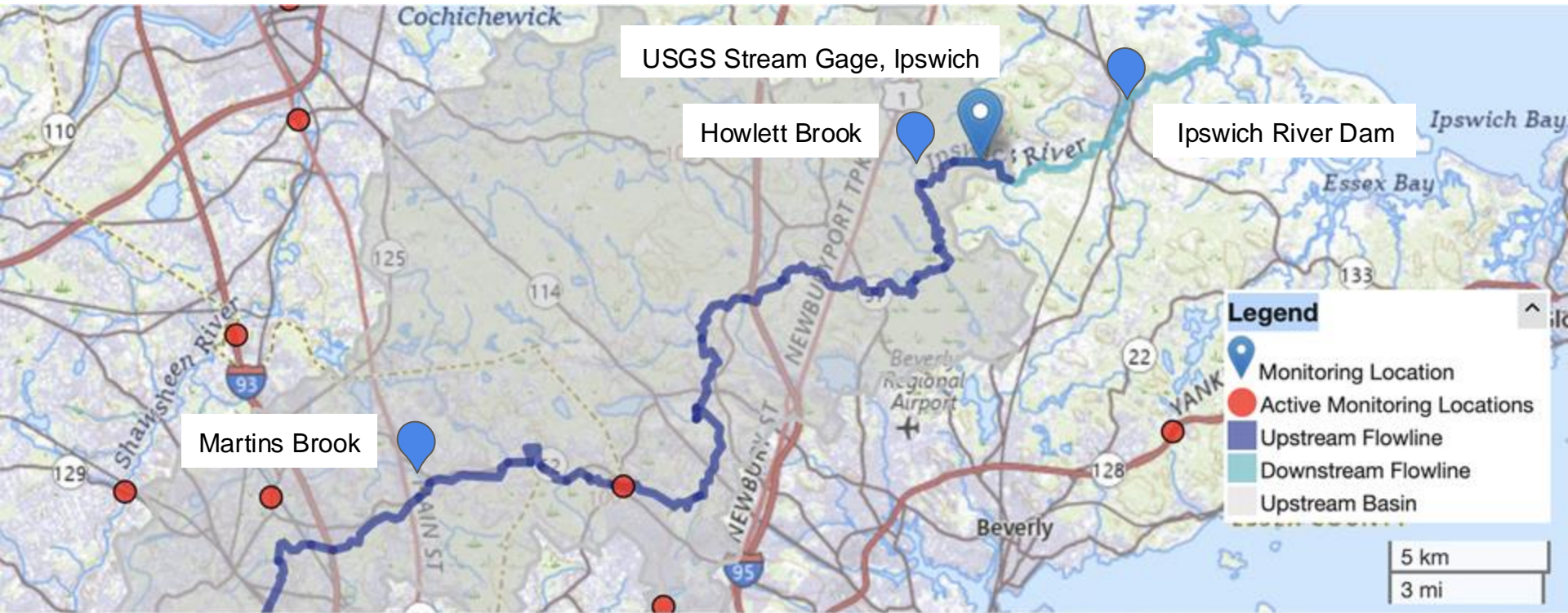
Photo courtesy of:  
John Macone, Merrimack River Watershed Council

# Merrimack River, Haverhill

October 1st, 2024



# Ipswich River Watershed



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, N...

Photos taken by:  
Ryan O'Donnell, Ipswich River Watershed Association

# Martins Brook, North Reading



September 29th, 2024

Upstream



Howlett  
Brook,  
Topsfield

September  
29th,  
2024

Downstream



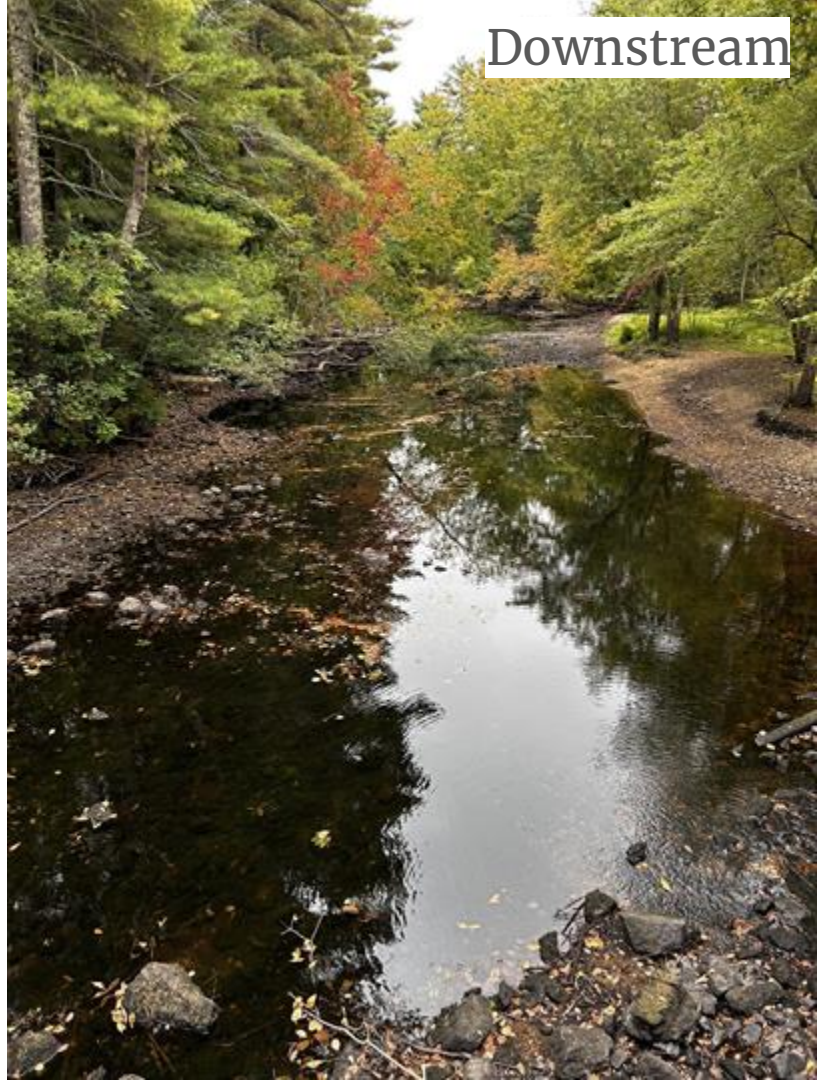
Upstream



USGS  
Stream  
Gage at  
Ipswich  
River  
near  
Ipswich

September  
29th,  
2024

Downstream





# Ipswich River Near Ipswich, MA - 01102000

October 3, 2023 - October 2, 2024

Discharge, cubic feet per second

0.36 ft<sup>3</sup>/s Sep 29, 2024 03:30:00 PM EDT



<https://waterdata.usgs.gov/monitoring/location/01102000/#parameterCode=00060&period=P-365D&showMedian=false>

Upstream



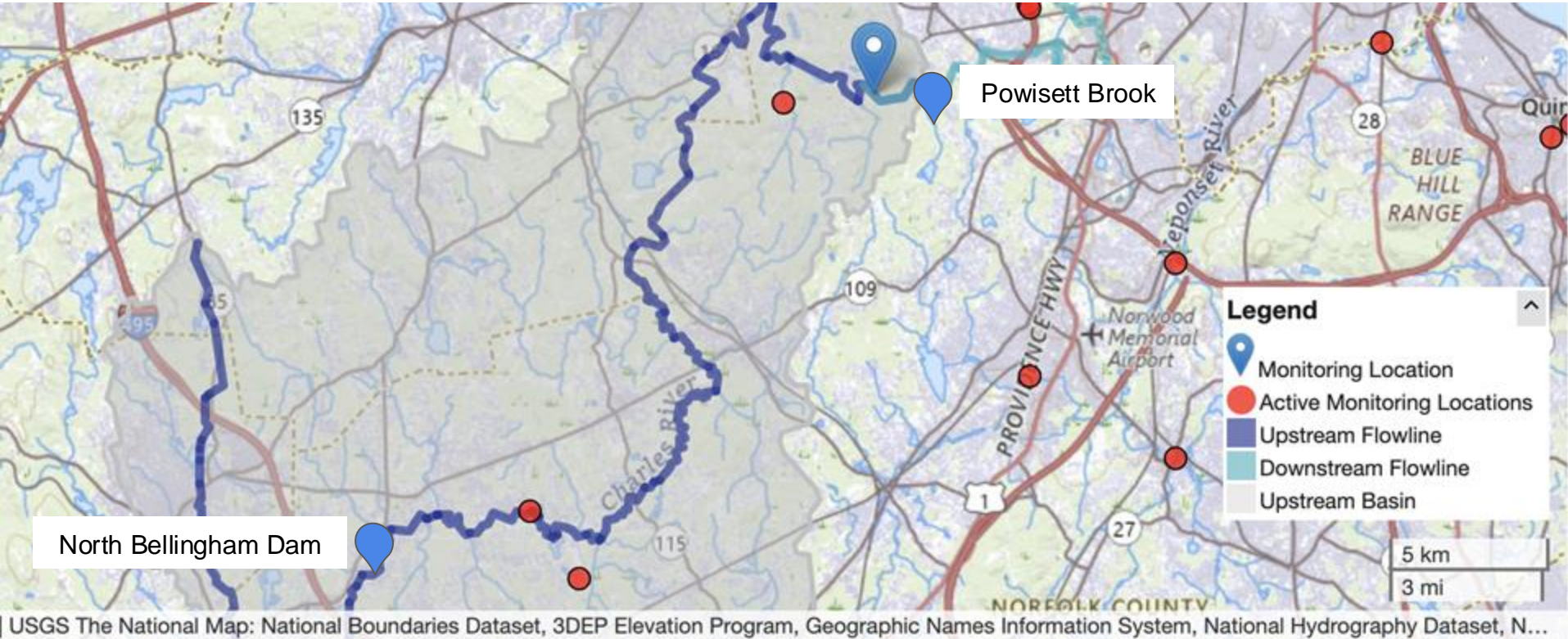
# Ipswich River Dam, Ipswich

Downstream



September 29th, 2024

# Charles River Watershed



Photos taken by:  
Charles River Watershed Association Staff and Volunteers

# North Bellingham Dam, Bellingham



September 20th, 2024

# Powisett Brook, Dover



Normal Flow

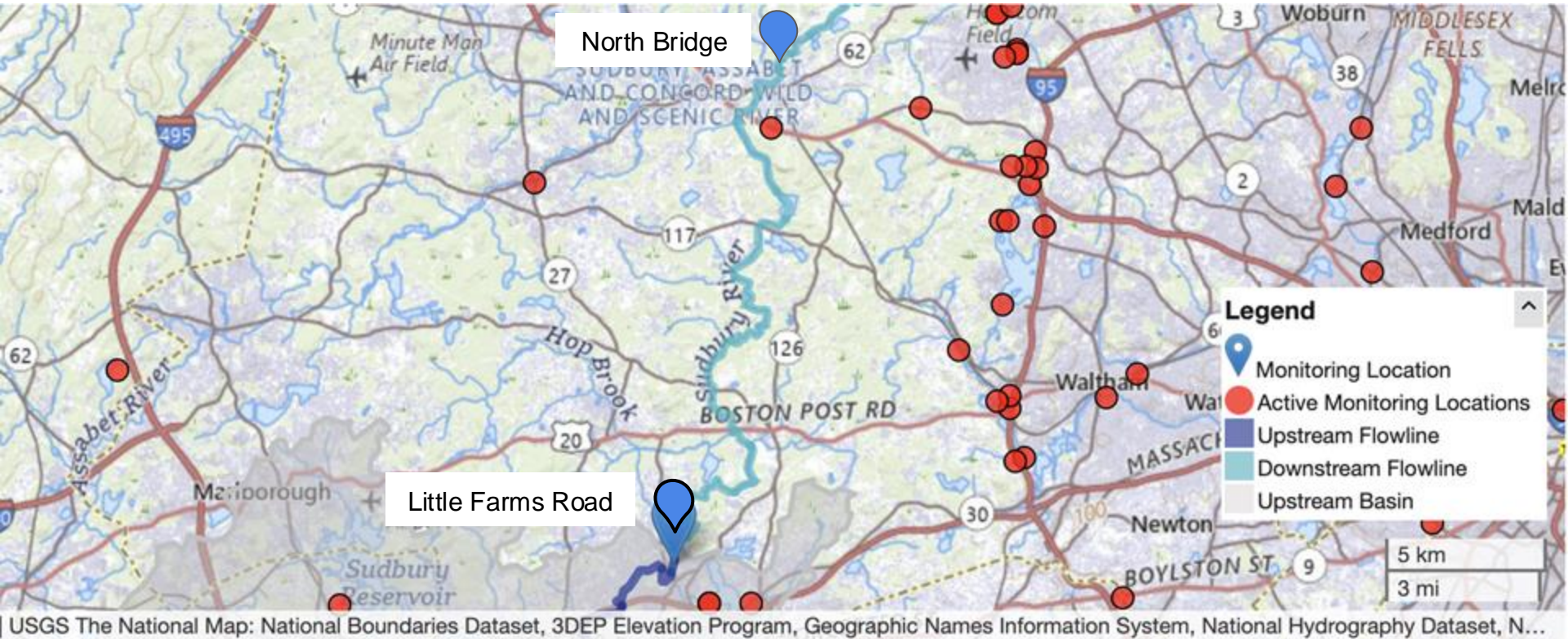
June 5th, 2024



Low Flow

September 23rd, 2024

# Concord Watershed (SuAsCo)



Photos taken by: Julia Khorana,  
Interchapter Paddling Committee- Appalachian Mountain Club

# Little Farms Road, Framingham (Sudbury)



August 14th, 2024

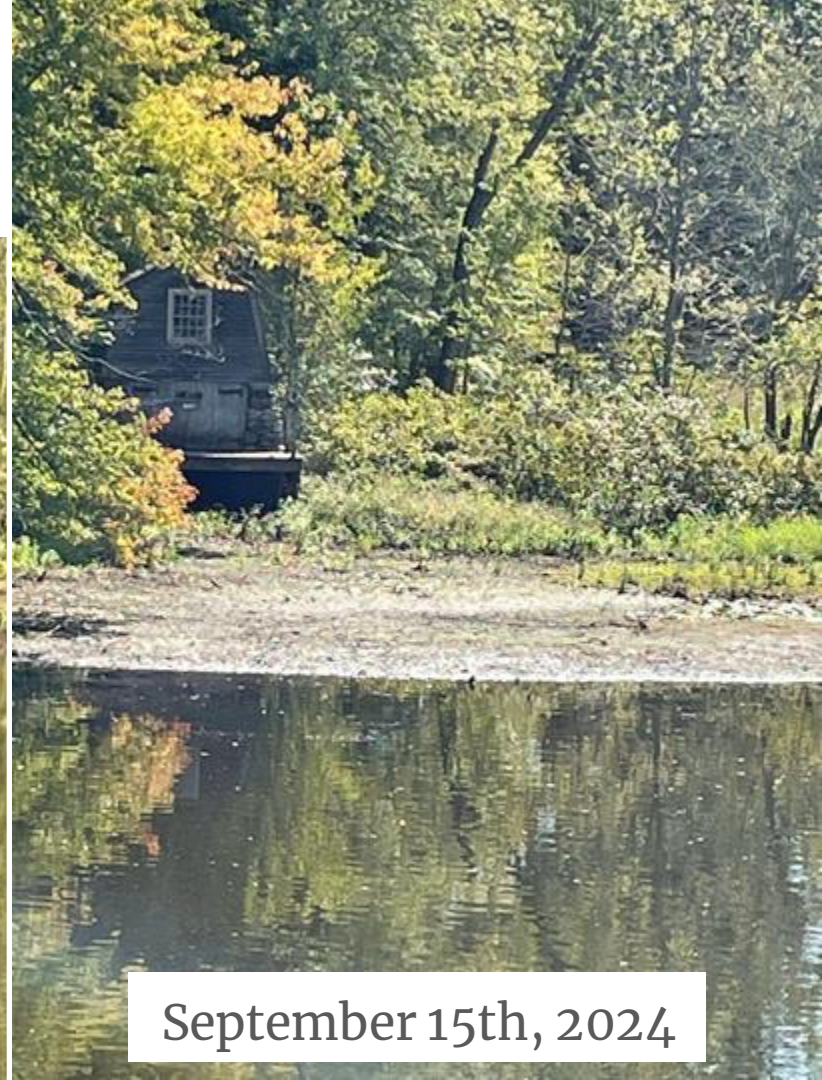


September 15th, 2024

# North Bridge, Concord (Concord)



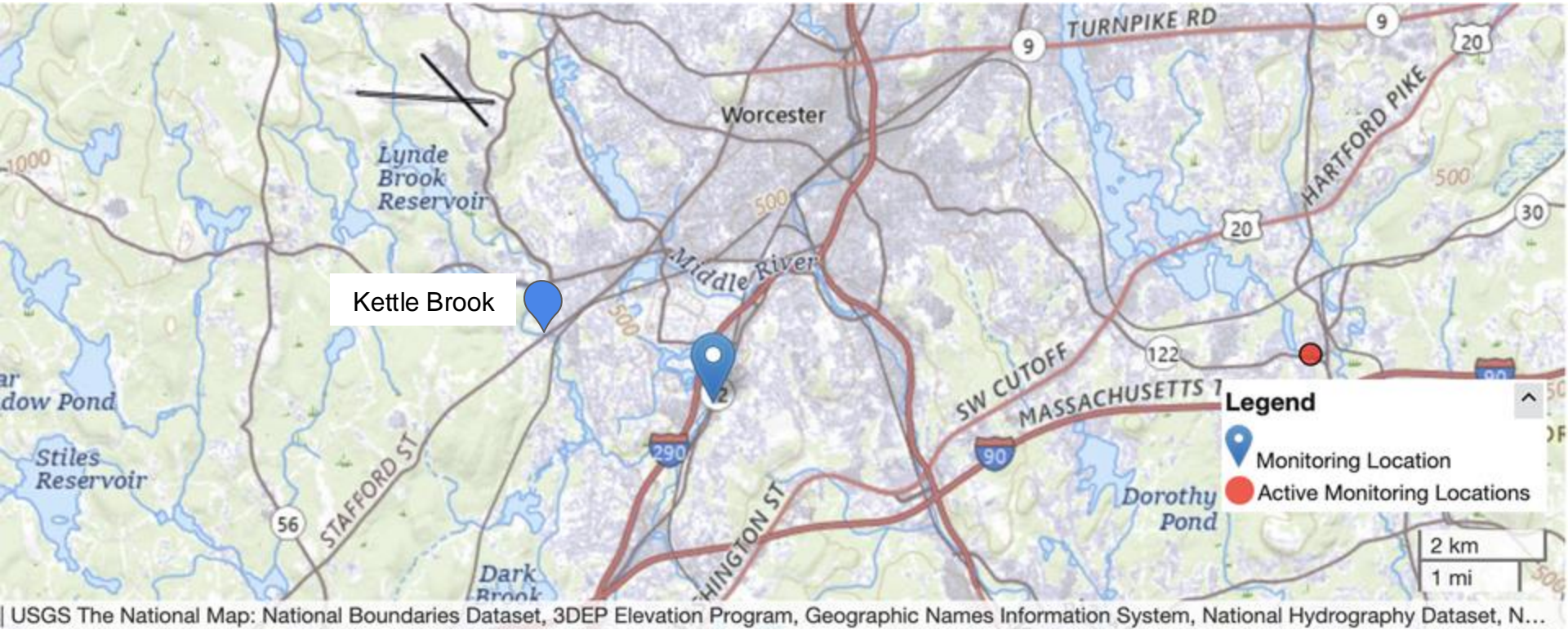
August 14th, 2024



September 15th, 2024



# Blackstone River Watershed



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, N...

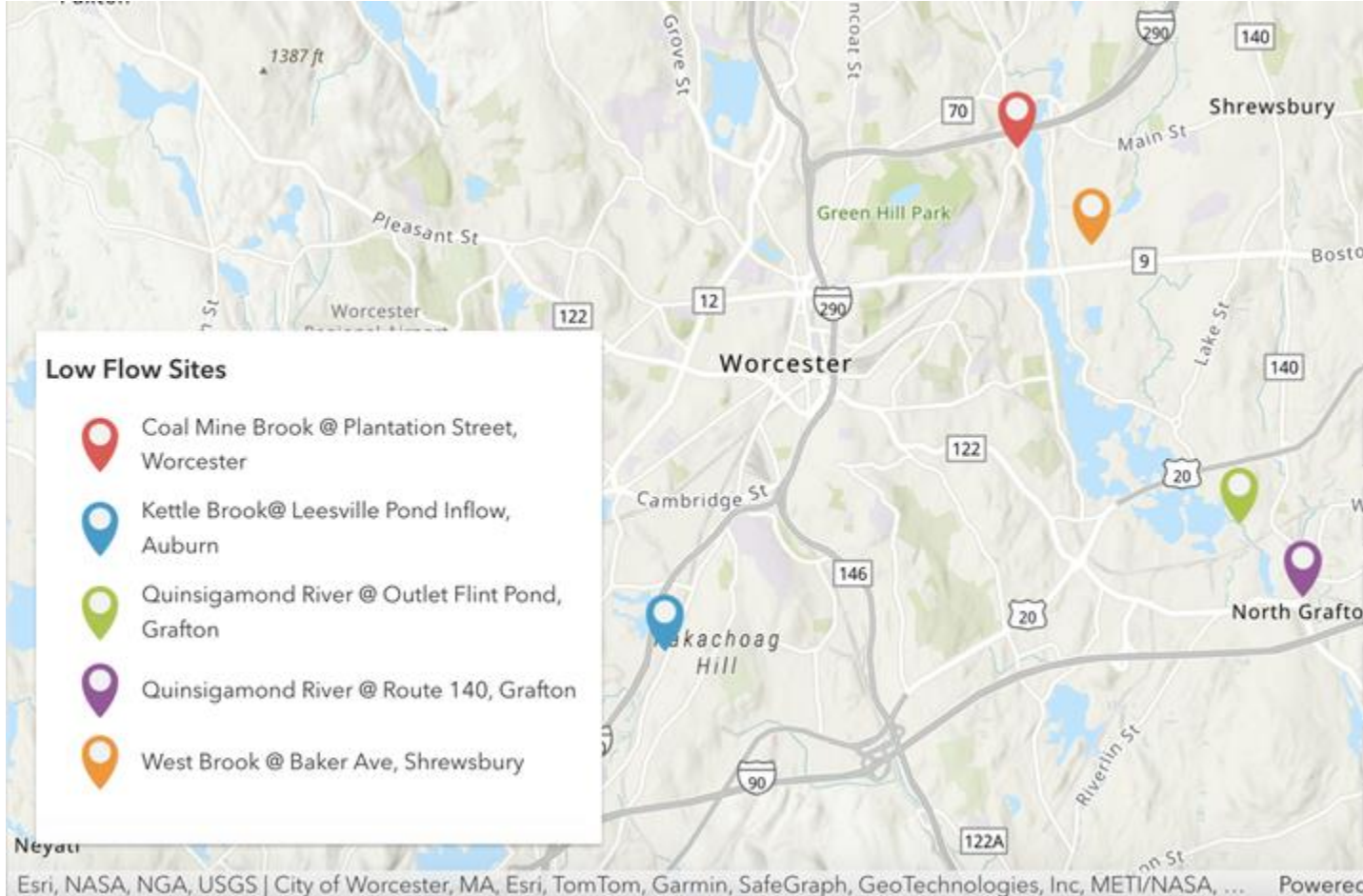
Photo and data provided by:  
Heather Parry, Blackstone River Coalition

# Kettle Brook, Worcester

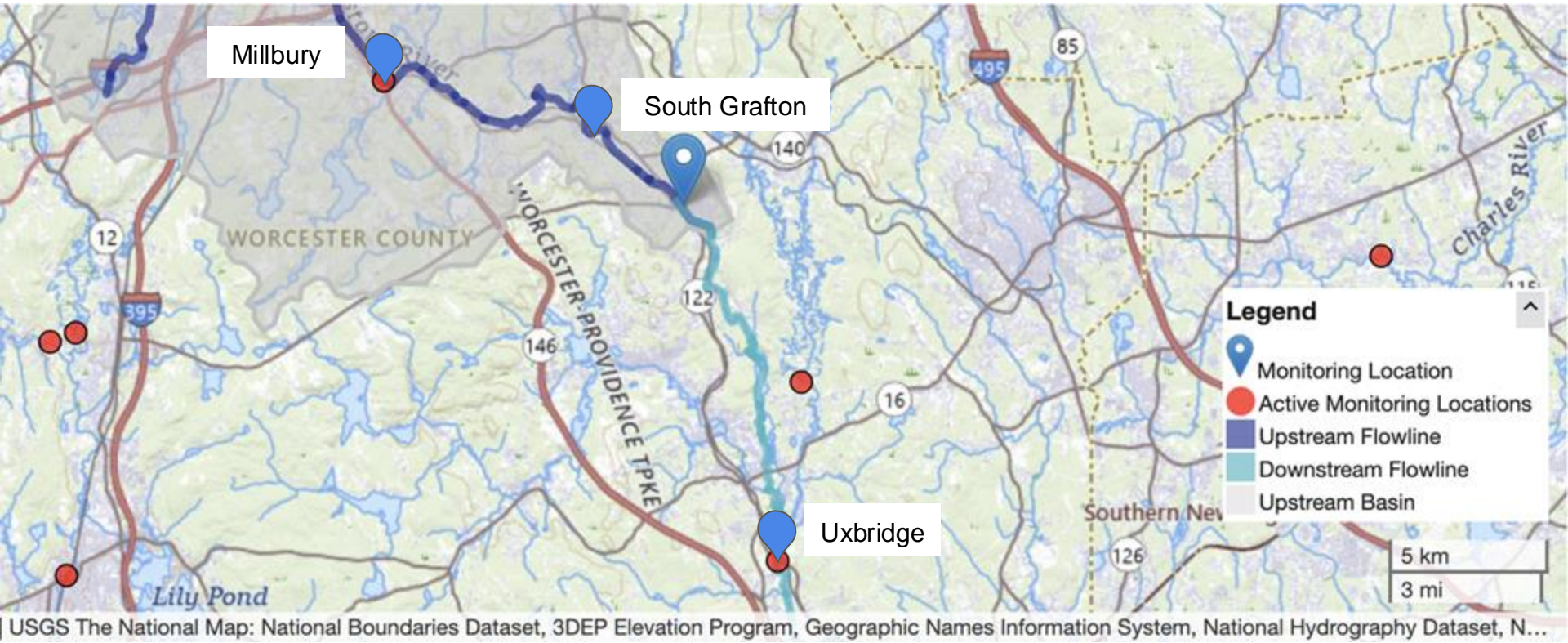
September  
2024



# Low flow reports throughout the Blackstone Watershed



# Blackstone River Watershed



Photos taken by:  
Stefanie Covino, Blackstone Watershed Collaborative

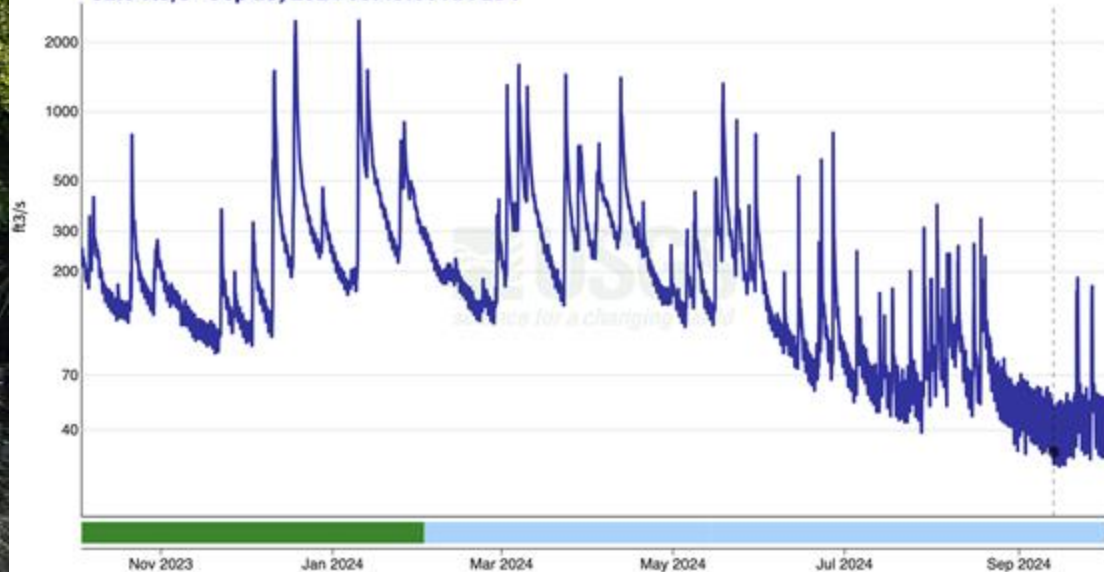


# Blackstone River, Millbury

October 3, 2023 - October 2, 2024

Discharge, cubic feet per second

31.9 ft<sup>3</sup>/s - Sep 13, 2024 05:45:00 AM EDT



<https://waterdata.usgs.gov/monitoring-location/01109730/#parameterCode=00060&period=P365D&showMedian=false>

September 12-13th, 2024

Discharge on Sept 13 2024 - 31.9 ft<sup>3</sup>/s

# Blackstone River, South Grafton

September  
12-13th,  
2024



# Blackstone River, Uxbridge



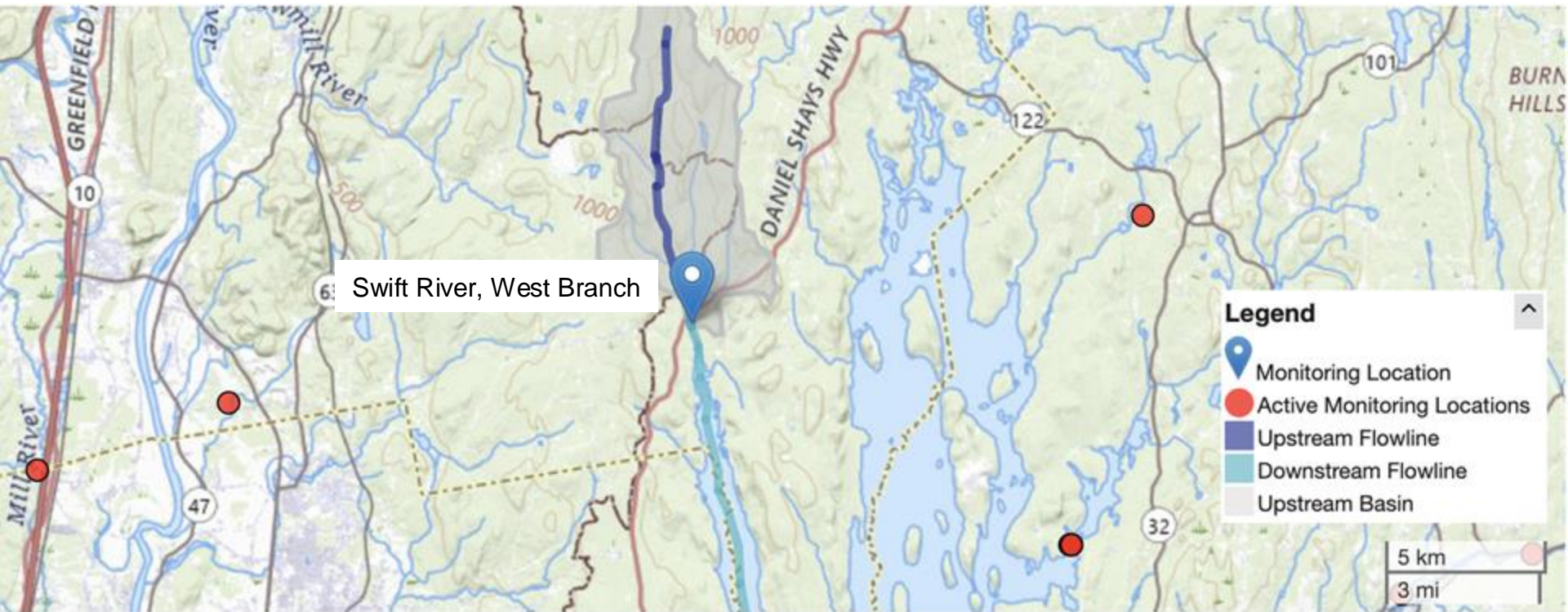
September 12-13th, 2024



<https://waterdata.usgs.gov/monitoring-location/01111212/#parameterCode=00060&period=P365D&showMedian=false>

Discharge on Sept. 13 2024 - 71.6 ft<sup>3</sup>/s

# Chicopee River Watershed



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, N...

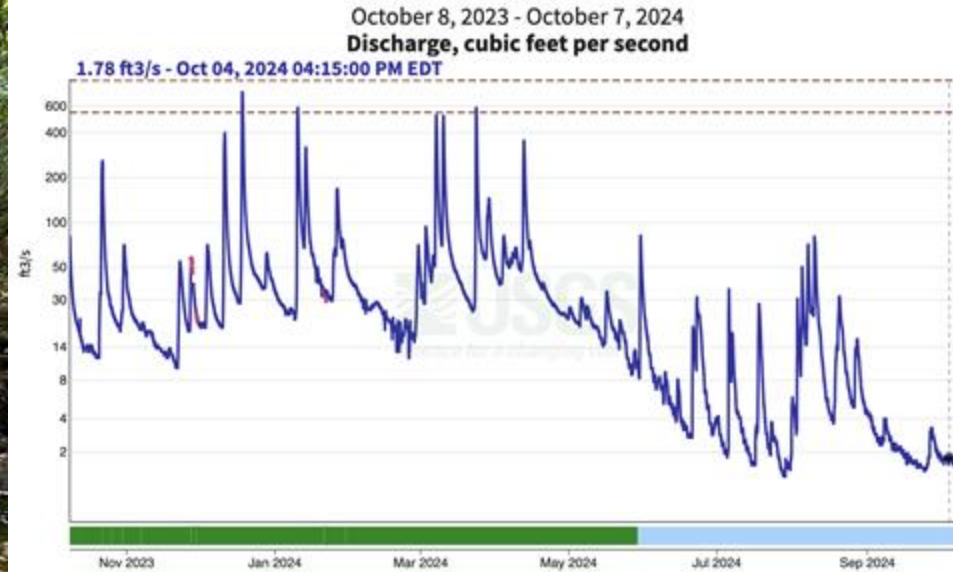
Photo taken by:  
Paul Beaulieu, Massachusetts Rivers Alliance



# Swift River, Shutesbury



October 4th, 2024

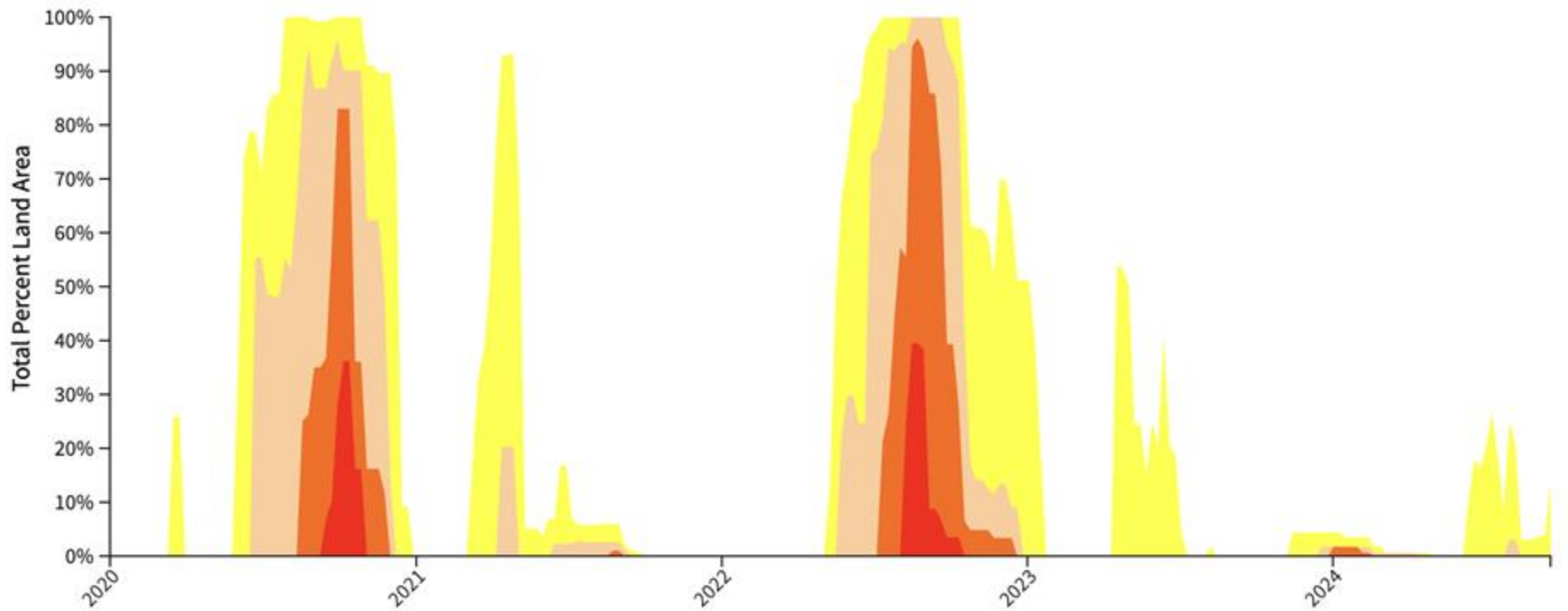


<https://waterdata.usgs.gov/monitoring-location/01174565/#parameterCode=00060&period=P:365D&showMedian=false>

Discharge on Oct. 4, 2024 - 1.78 ft<sup>3</sup>/s

8-year average discharge  
on Oct. 4, 2024 - 25 ft<sup>3</sup>/s

# Drought Conditions in Massachusetts 2020-2024



# Taunton Watershed



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, N...

Photos taken by:  
Sally Spoon, Taunton River Watershed Alliance

# Great Quittacas Pond, Lakeville

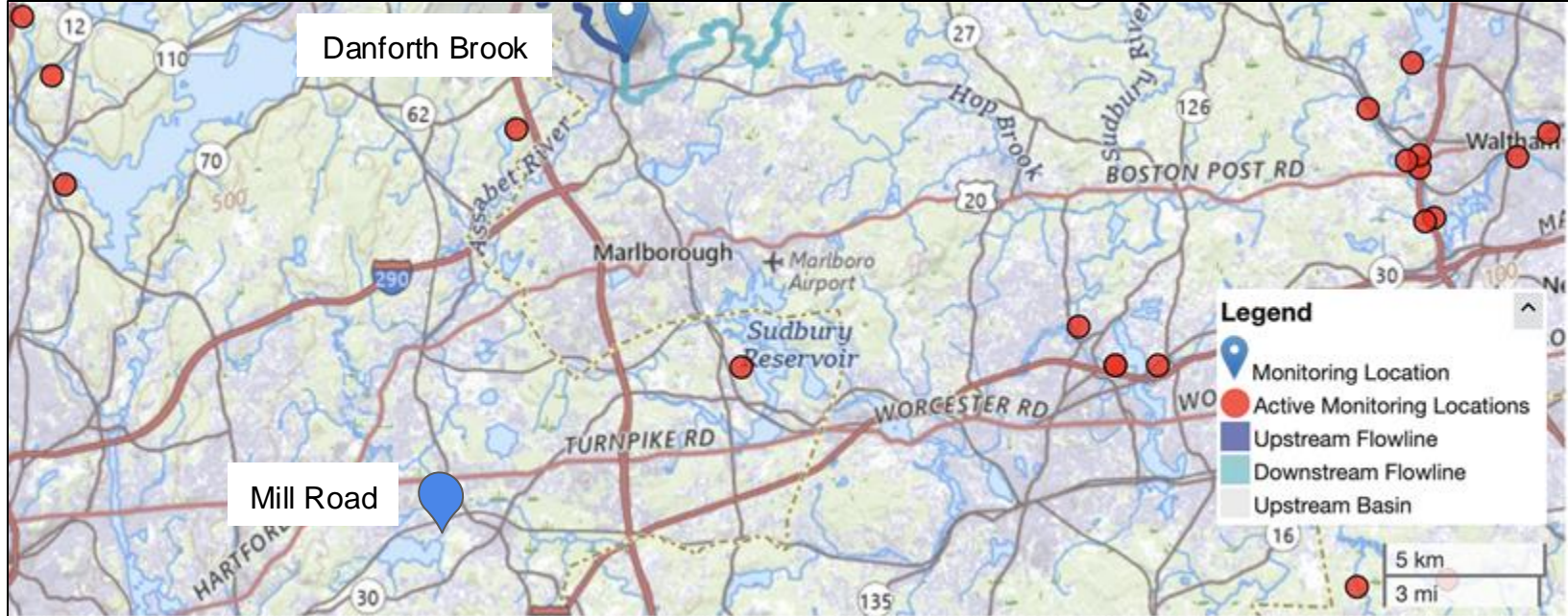


Great Quittacas Pond, Lakeville Pond Complex,  
September 23, 2020



Great Quittacas Pond, Assawompset Pond Complex Water Level  
September 18, 2024

# Concord Watershed (SuAsCo)



Photos taken by:  
Ben Wetherill,  
OARS

# Mill Road, Westborough (Assabet)

August 14th, 2022



September 15th, 2024

ABT-312



# Danforth Brook, Hudson (Assabet)



August 14th, 2022



September 15th, 2024

# Rogers Street, North Billerica (Concord)



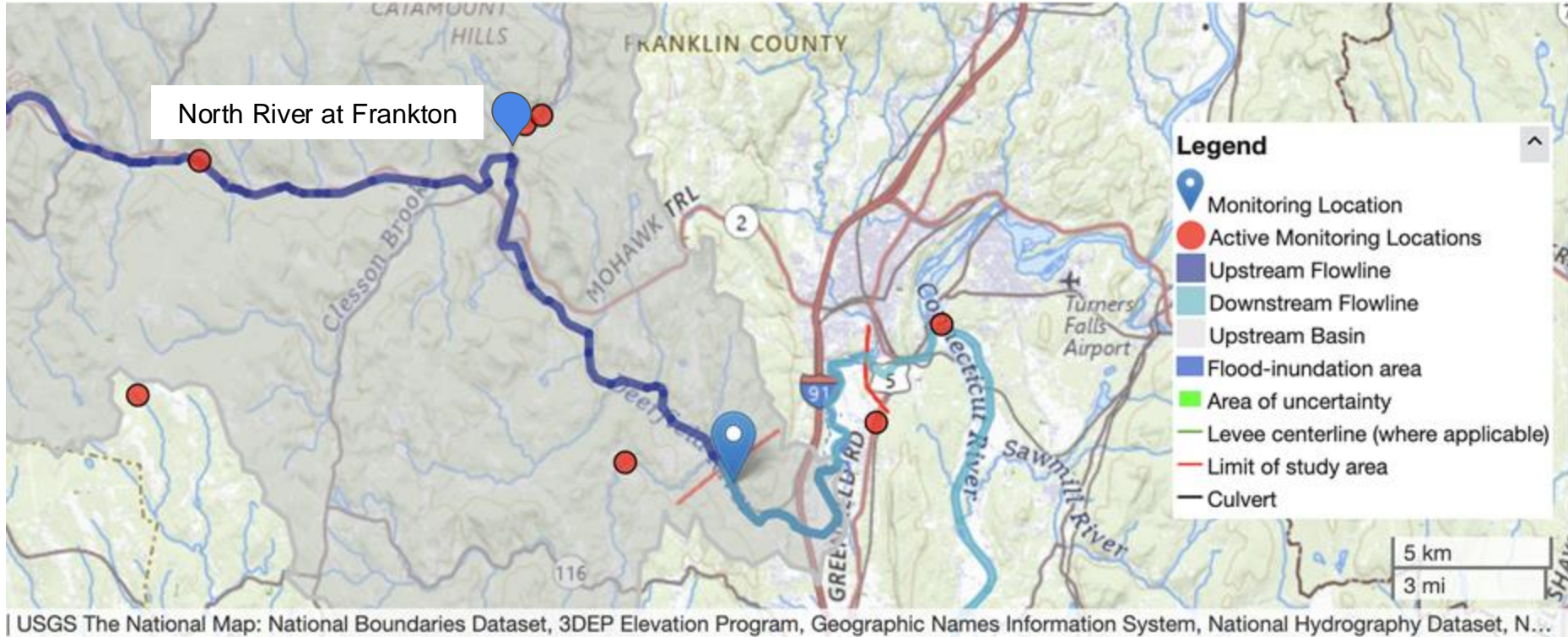
August 14th, 2022



September 15th, 2024



# Deerfield Watershed



Resource provided by:  
Eric Halloran, Deerfield River Watershed Trout Unlimited

# North River, Shelburne

<https://www.usgs.gov/apps/ecosheds/fpe/#/explorer/58>

