

Welcome!

# Aquetong Watershed Association 15<sup>th</sup> Annual Membership Meeting

Thursday October 20, 2022

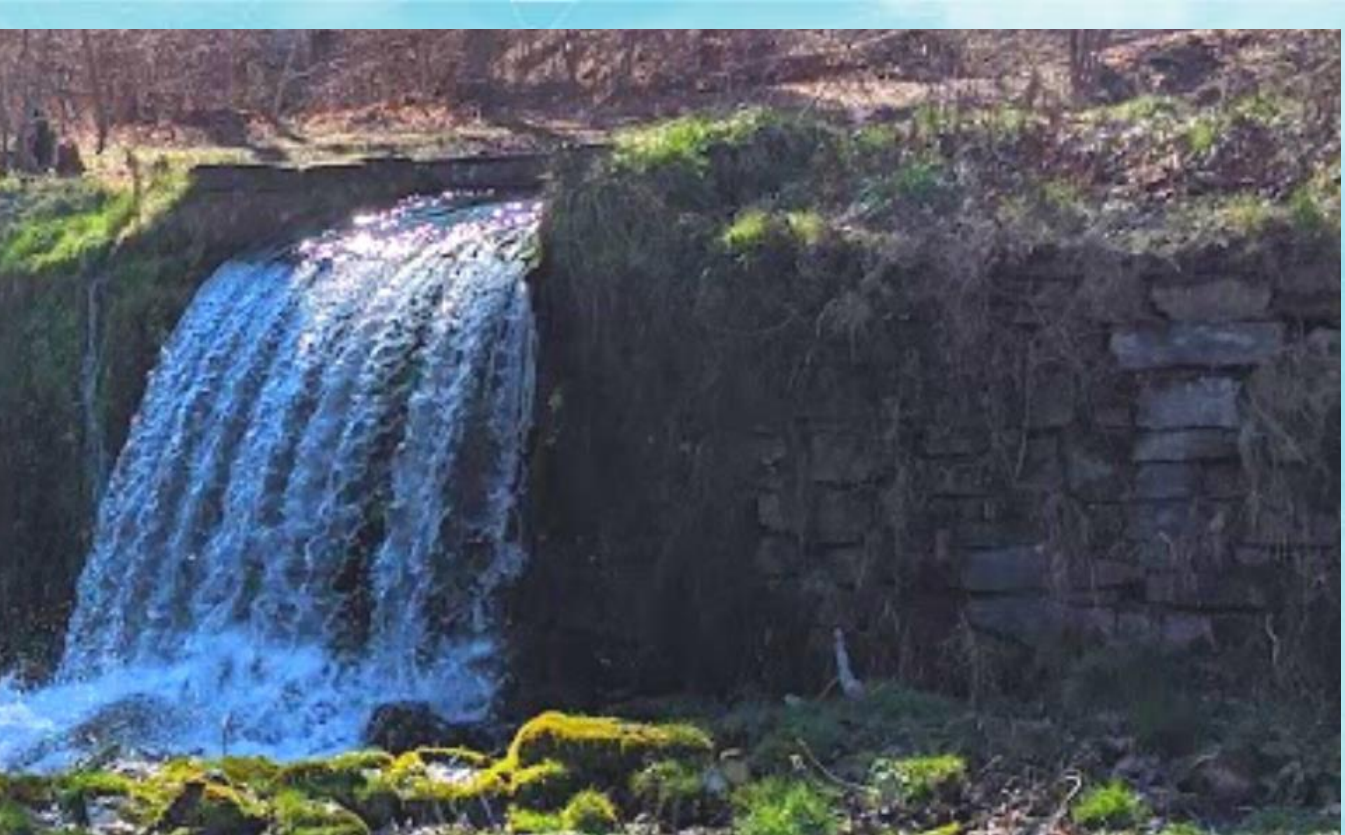
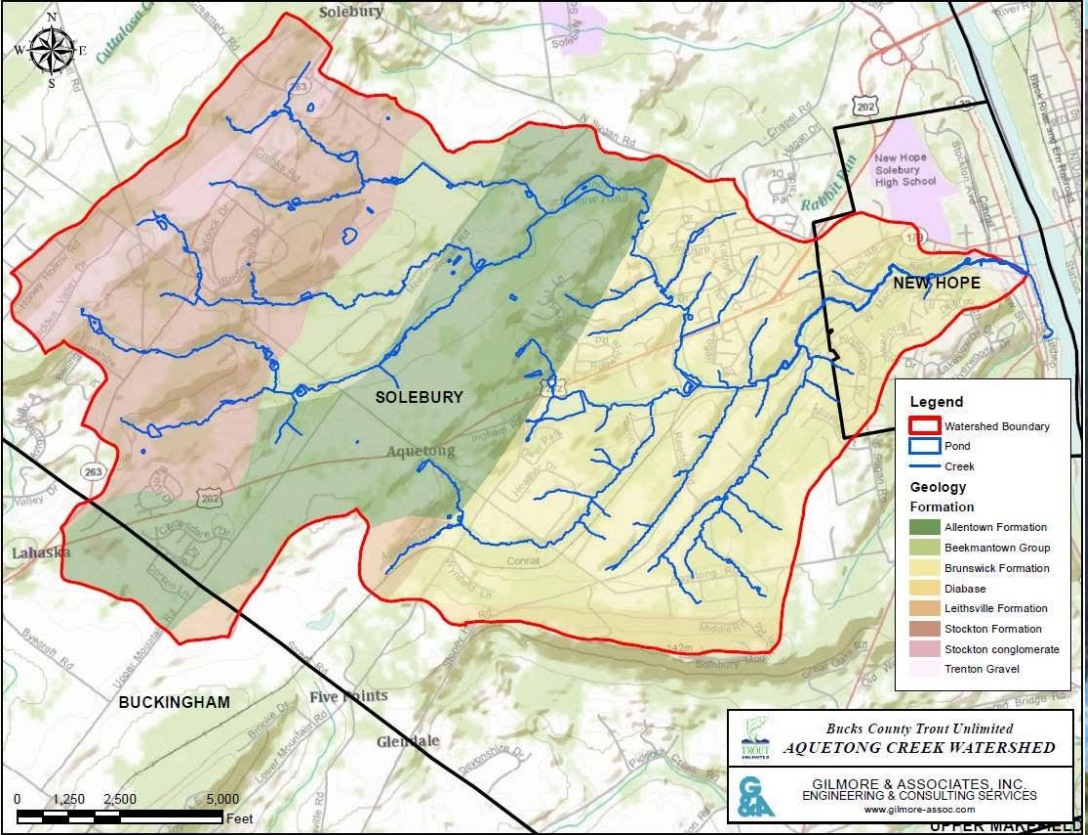
Bowman's Hill Wildflower Preserve

New Hope, PA 18938

# Agenda

1. Welcome & Announcements
2. Approval of the 2021 Membership Meeting Minutes
3. Treasurer's Report
4. Nominating Committee Report
5. AWA Presentations
6. Presentation by Faran Savitz
7. Next Membership Meeting: Thursday October 19, 2023
8. Adjournment





# AQUETONG WATERSHED ASSOCIATION

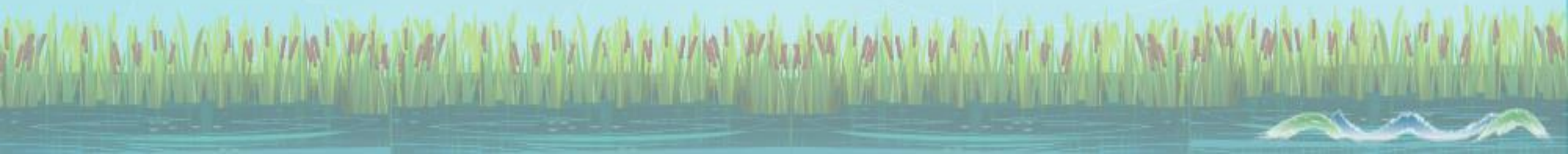
PRESERVE CONSERVE PROTECT



THANK  
YOU



# APPROVAL OF THE 2021 MINUTES



# TREASURER'S REPORT – Craig Sutton

• General Fund	\$5,583.49
• Scholarship Fund	\$14,014.12
• Total Funds	\$19,597.61

# NOMINATING COMMITTEE – Les Isbrandt

We thank **Director JJ Schwarz** for his years of service to the AWA & to the Board.

## 2023 Election of Directors

The membership needs to elect the following Members to 3-year terms as Directors (expiring 2025):

- Debra Brosan,
- Shannon Pendleton and
- Jim Searing

The membership needs to re-elect the following Directors to 3-year terms (expiring 2025):

- Alexandra Foster and
- Les Isbrandt



# 2023 AWA Board of Directors

- Jade Greene, President
- Michael Zolkewitz, Vice President
- Alexandra Foster, Secretary
- Mark Savitsky, Treasurer
- Debra Brosan
- Amy Everett
- Les Isbrandt
- Brian Keyes
- Shannon Pendleton
- Jim Searing
- Craig Sutton
- Julie Ziff





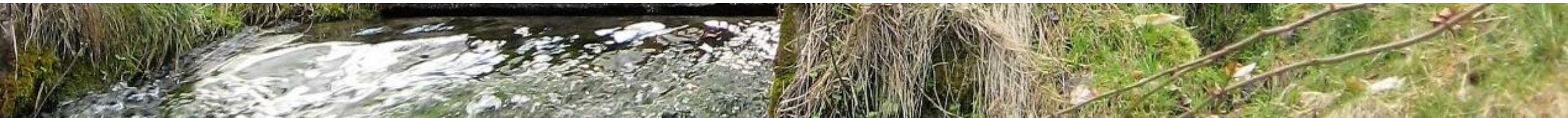
THANK YOU, JJ SCHWARZ!





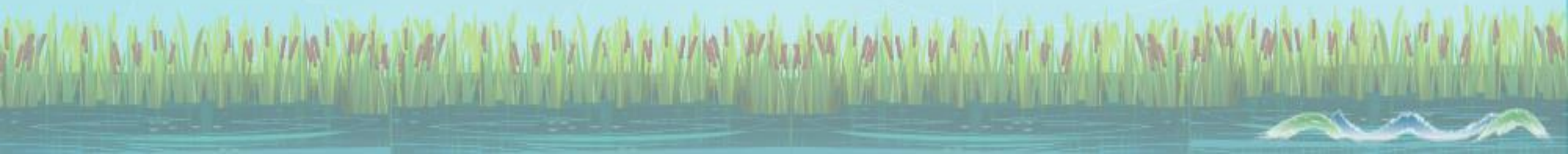


AWA THEN AND NOW





# 2022 HIGHLIGHTS!







## ANNUAL LITTER CLEANUP



















16 VOLUNTEERS  
COLLECTED  
OVER 30 BAGS  
OF TRASH!





AWARDED TWO MALCOLM P. CROOKS SCHOLARSHIPS





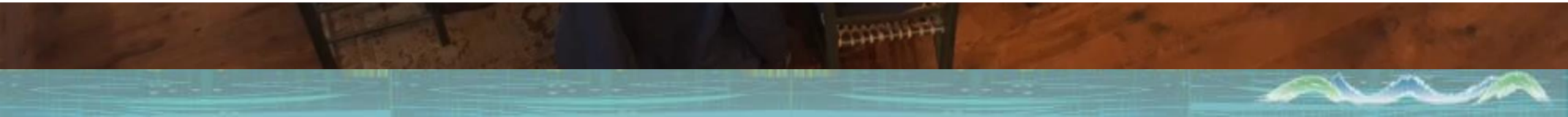
Since 2017,  
we have awarded  
**TWELVE**  
Malcolm P. Crooks  
Scholarships!



*To preserve, conserve, and protect the natural resources of the Aquetong Watershed.*



UPDATE STRATEGIC PLAN 2022-2027





# AQUETONG WATERSHED ASSOCIATION



## 2022-2027 Strategic Framework

**MISSION:** Conserve, preserve and protect the natural resources of the Aquetong Watershed.

### VISION

*Maintain and enhance the watershed's quality and beauty*

- Assess and monitor watershed conditions
- Implement projects
- Encourage sustainable ecological practices
- Advocate proactively on issues / developments affecting the watershed

*Sustain the organization*

- Promote the Association
- Build a strong membership and volunteer base
- Secure a sound financial foundation
- Develop the Board and outline a succession plan for future leadership
- Partner with other organizations, businesses, and government entities
- Recognize climate change & environmental inequity as major issues that impact all



### GOALS:

Watershed Monitoring	Advocacy	Organization	Initiatives & Partnerships	Community Outreach
Monitor the creek through Aquetong Spring Park & other branches of the watershed.	Position ourselves as the watchdog for Aquetong Spring Park.	Annually grant a Malcolm P. Crooks scholarship.	Work on delisting the Aquetong Creek from the PADEP impairment list.	Improve method & effectiveness of communication to the membership and community.
Develop watershed monitoring plan.	Develop and maintain relationships with public and private entities.	Improve organizational effectiveness, structure, & internal communication.	Coordinate more projects and volunteer opportunities to reach new members and engage the community.	Engage more volunteers and expand membership.
Review and compile previous assessments and provide recommendations for the future of the watershed.	Address major issues impacting the watershed as they arise.	Develop annual goals for each year and communicate them to our membership.	Partner with organizations and businesses to promote change.	Maintain website as a valuable resource for community.
Develop stormwater monitoring & mapping program.	Encourage Solebury and New Hope to achieve deliverables in their Comprehensive Plans regarding watershed, water, stormwater, & sewage issues.	Develop succession plan & committee structure with more board participation	Focus on community partnerships that benefit the ecology and restoration of the watershed.	Focus engagement on local schools & young people.
Develop benchmarks to demonstrate water quality goals.		Maintain data depository.		Educate the public through social media, outreach, & events.





EXPAND OUTREACH AND EDUCATION





**AQUETONG WATERSHED ASSOCIATION  
15TH ANNUAL  
MEMBERSHIP MEETING**

THURSDAY, OCTOBER 20TH 2022  
6:30 PM  
BOWMAN'S HILL WILDFLOWER PRESERVE  
1635 RIVER RD, NEW HOPE, PA 18938

CELEBRATE 15 YEARS OF THE AQUETONG WATERSHED ASSOC WITH LIGHT REFRESHMENTS, AWA UPDATES, AND KEYNOTE BY FARAN SAVITZ, OF PENNENVIRONMENT, REGARDING THE IMPACTS OF MICROPLASTICS TO OUR ENVIRONMENT

FREE EVENT, OPEN TO ALL

RSVP ON OUR WEBSITE [AQUETONGWATERSHED.ORG](http://AQUETONGWATERSHED.ORG)  
OR EMAIL [INFO@AQUETONGWATERSHED.ORG](mailto:INFO@AQUETONGWATERSHED.ORG)

**DON'T FORGET  
TO CHECK FOR  
TICKS**

**Good News!**

Solebury Township approves ban on single-use plastic bags, polystyrene food containers and single-use plastic straws!



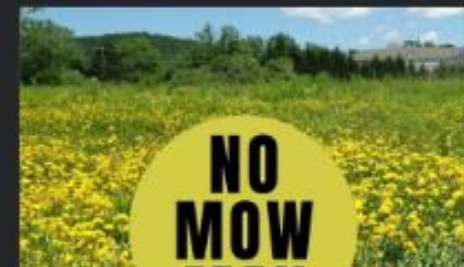
**New Jersey Clean Communities  
5th Annual Delaware River Cleanup**

September 17, 2022 - 8:30 AM to 11:30 AM

Help Clean our Delaware!

**Shoreline Cleanups at:**  
Phillipsburg, Holland Twp, Frenchtown, Kingwood, Byram, Bull's Island, Prattsville Mill, Lambertville, Holcombe-Jimison Farmstead, Fireman's Eddy, Washington Crossing, Scudder Falls, Trenton Battle Monument, & Duck Island at the Abbott Marshlands

**On-Water Cleanup Location at:**  
Giving Pond River Access



**FOLLOW US ON INSTAGRAM @AQUETONGWSA**





ADVOCACY IN NEW HOPE AND SOLEBURY







CONDUCT AND EXPAND MONITORING PROGRAM





# Monitoring:

Why?

How?

What?





*Why?*





*Why?*



**pennsylvania**  
FISH AND BOAT COMMISSION

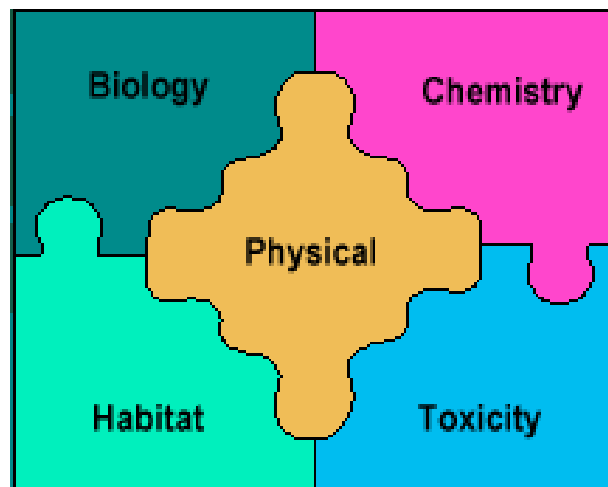
Pennsylvania Natural  
Heritage Program







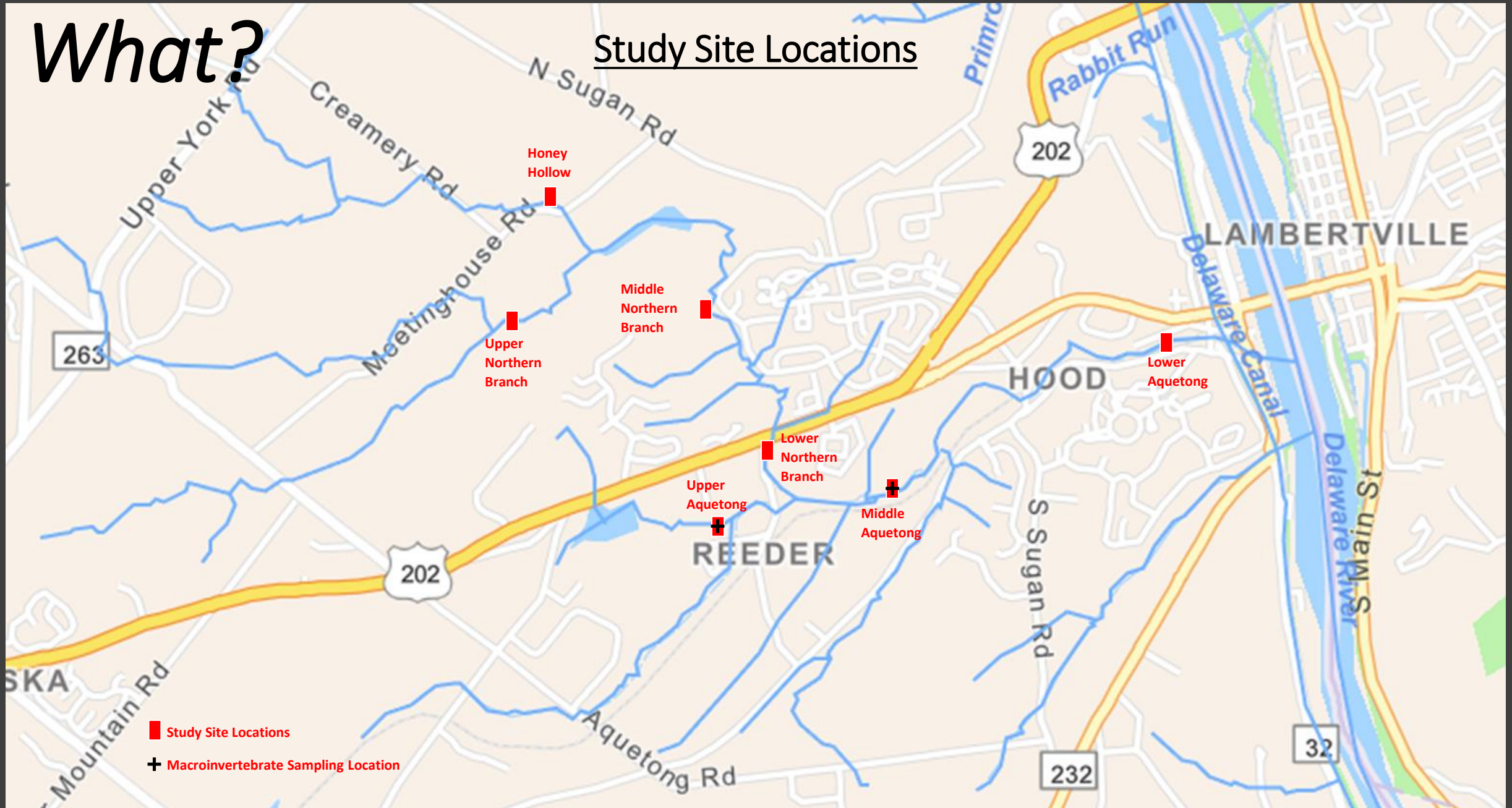
# How: Physical & Biological Monitoring





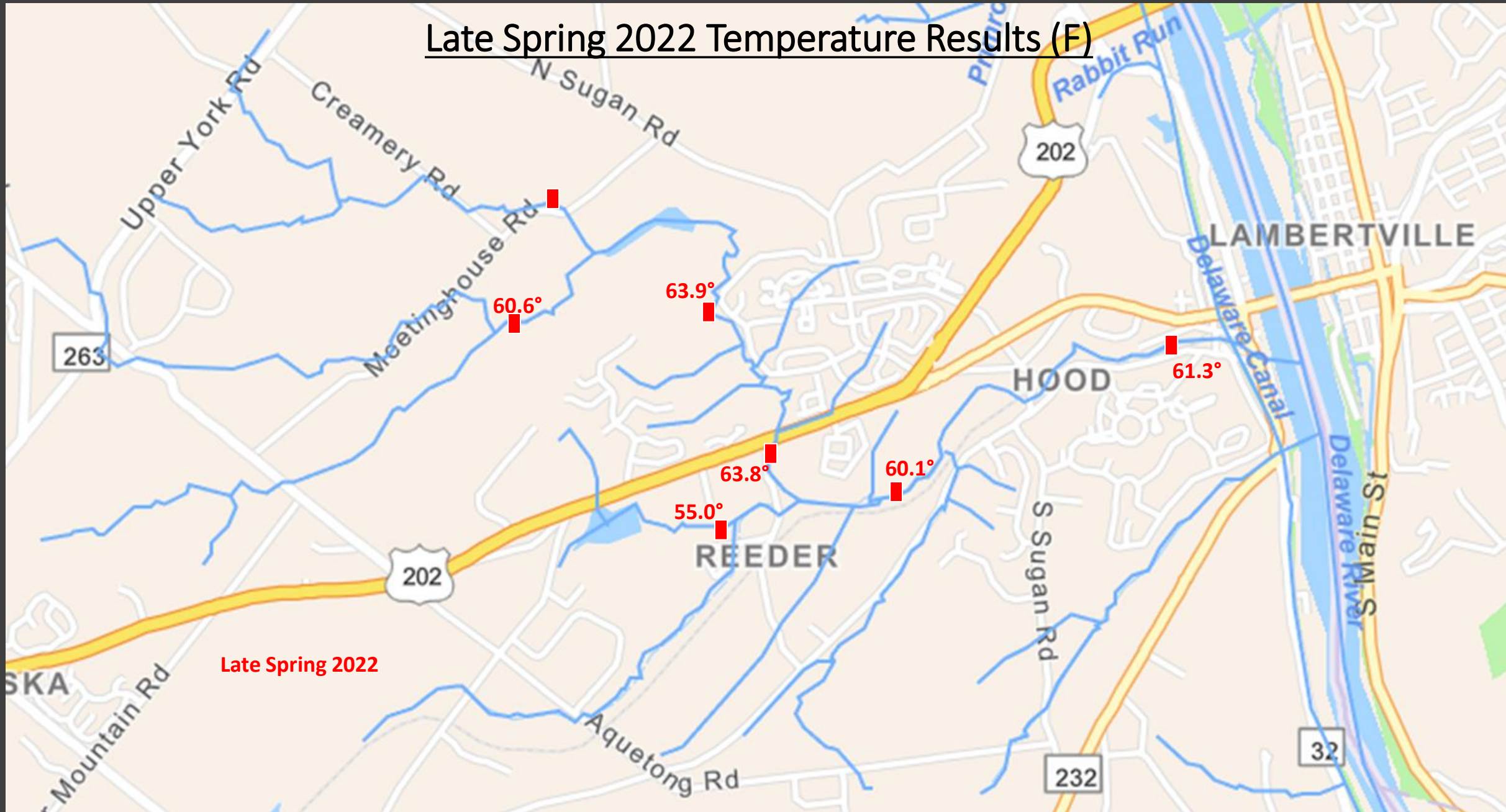
# What?

## Study Site Locations





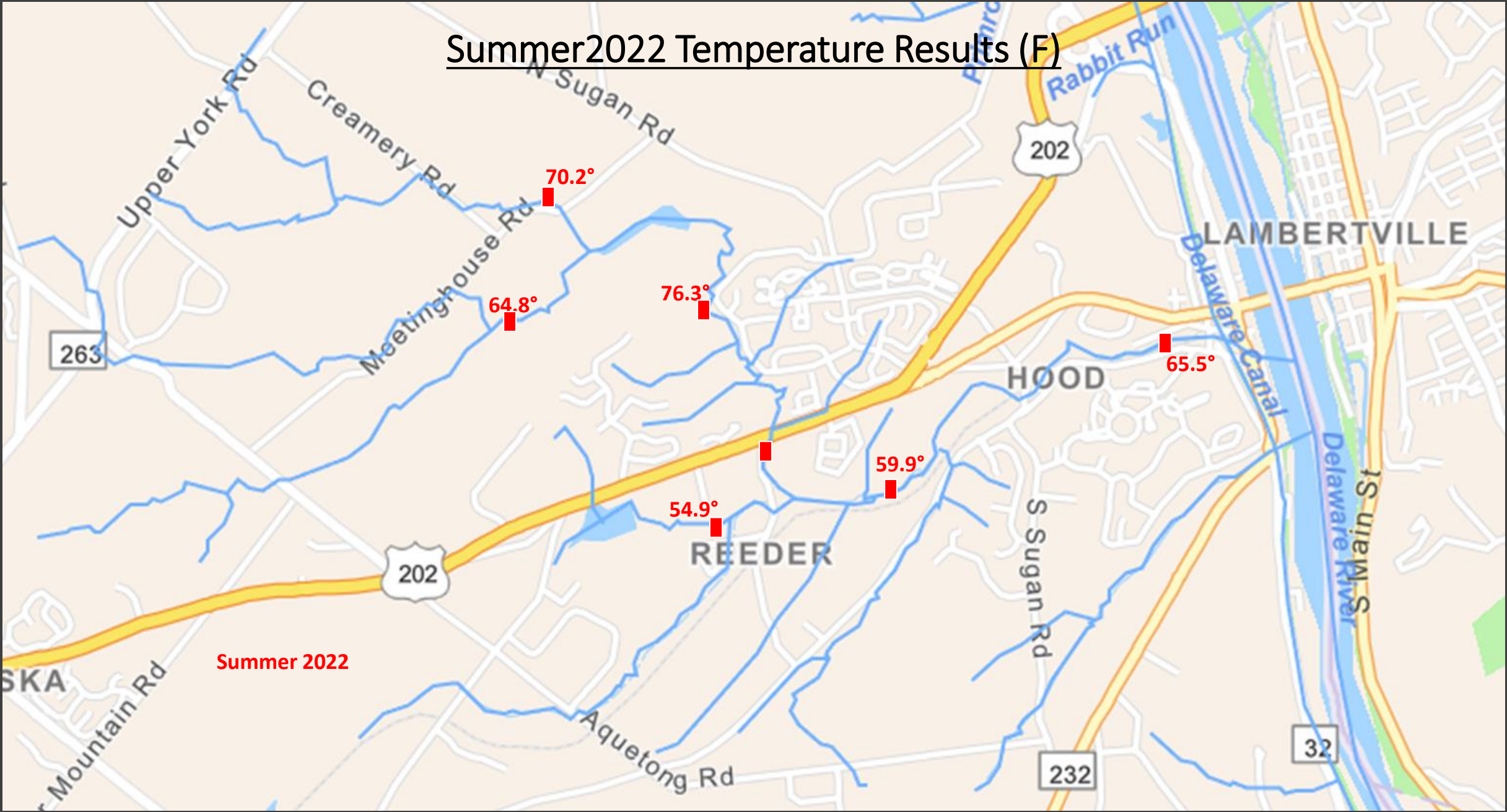
# Late Spring 2022 Temperature Results (F)



Late Spring 2022



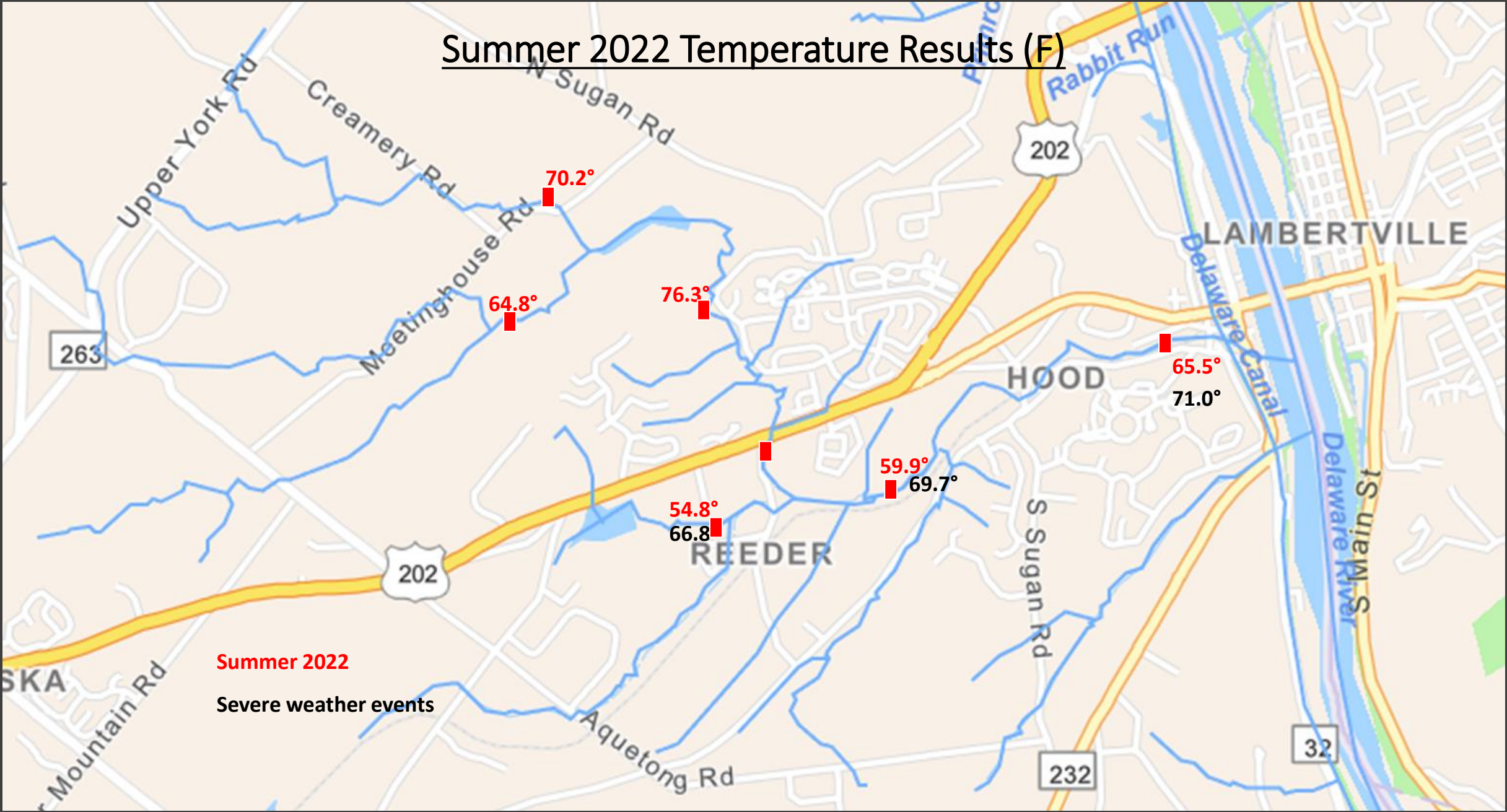
# Summer2022 Temperature Results (F)



Summer 2022



# Summer 2022 Temperature Results (F)

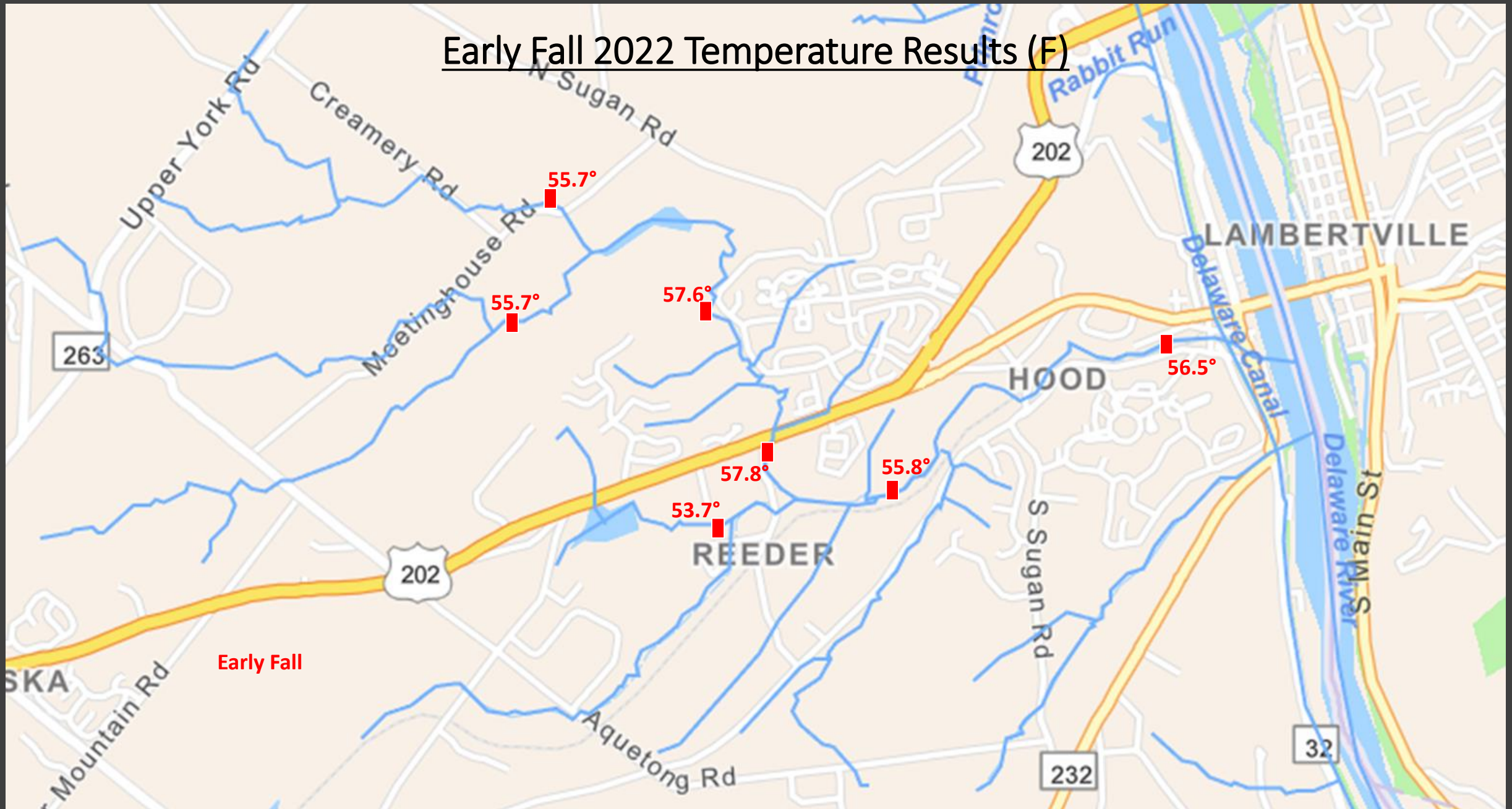


Summer 2022

Severe weather events

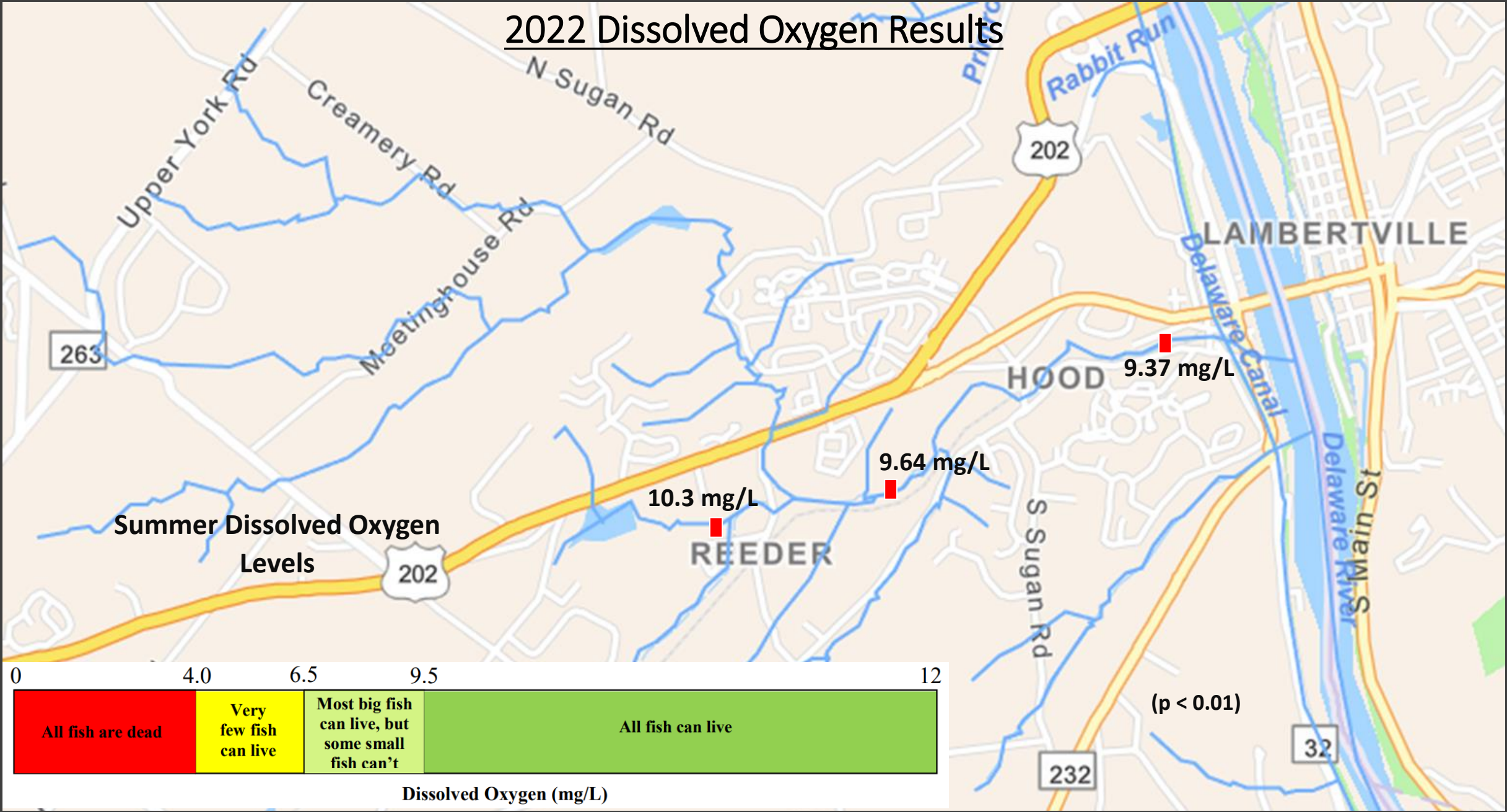


# Early Fall 2022 Temperature Results (F)



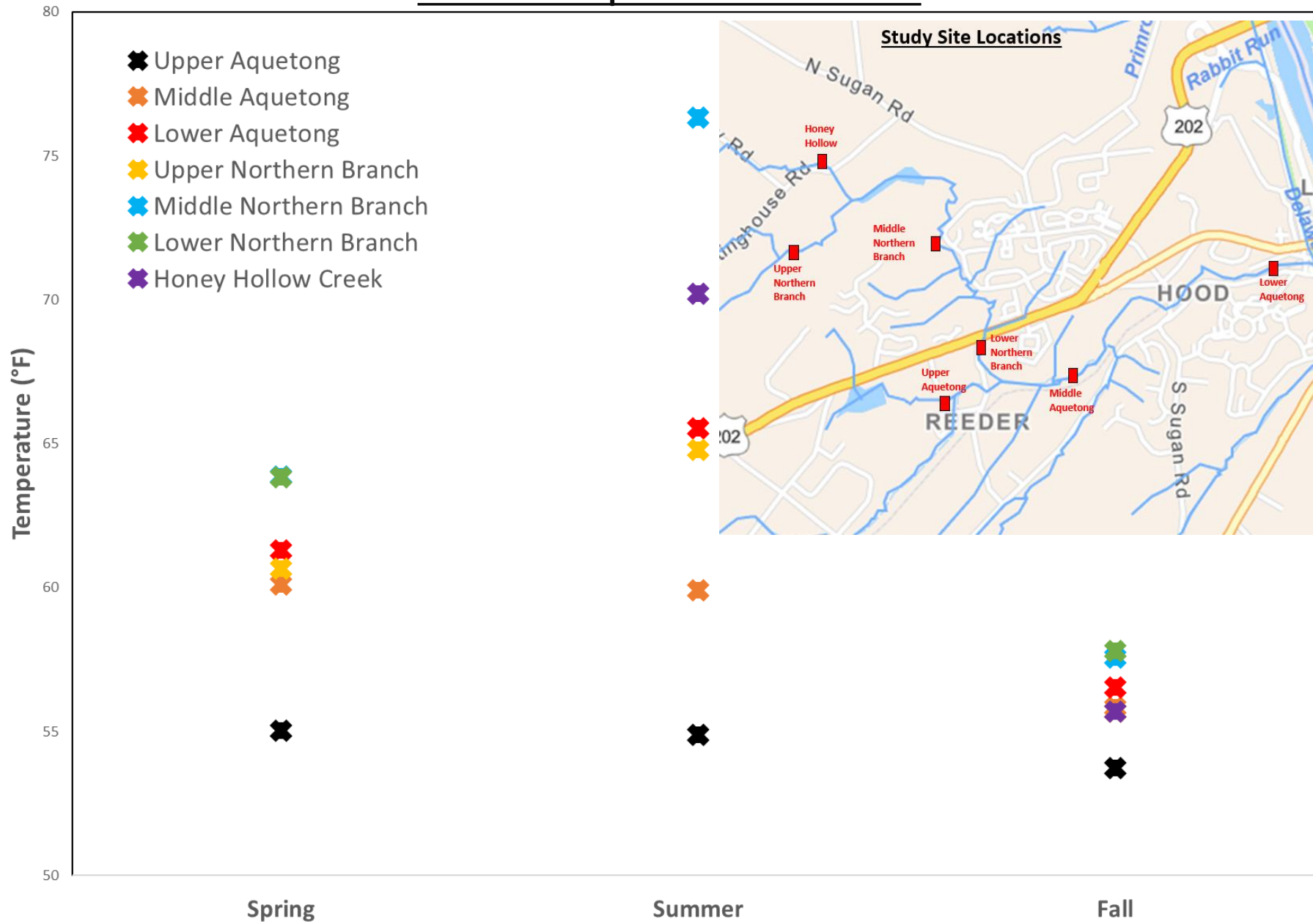


# 2022 Dissolved Oxygen Results





# 2022 Temperature Results





# Biological “Macro” Monitoring



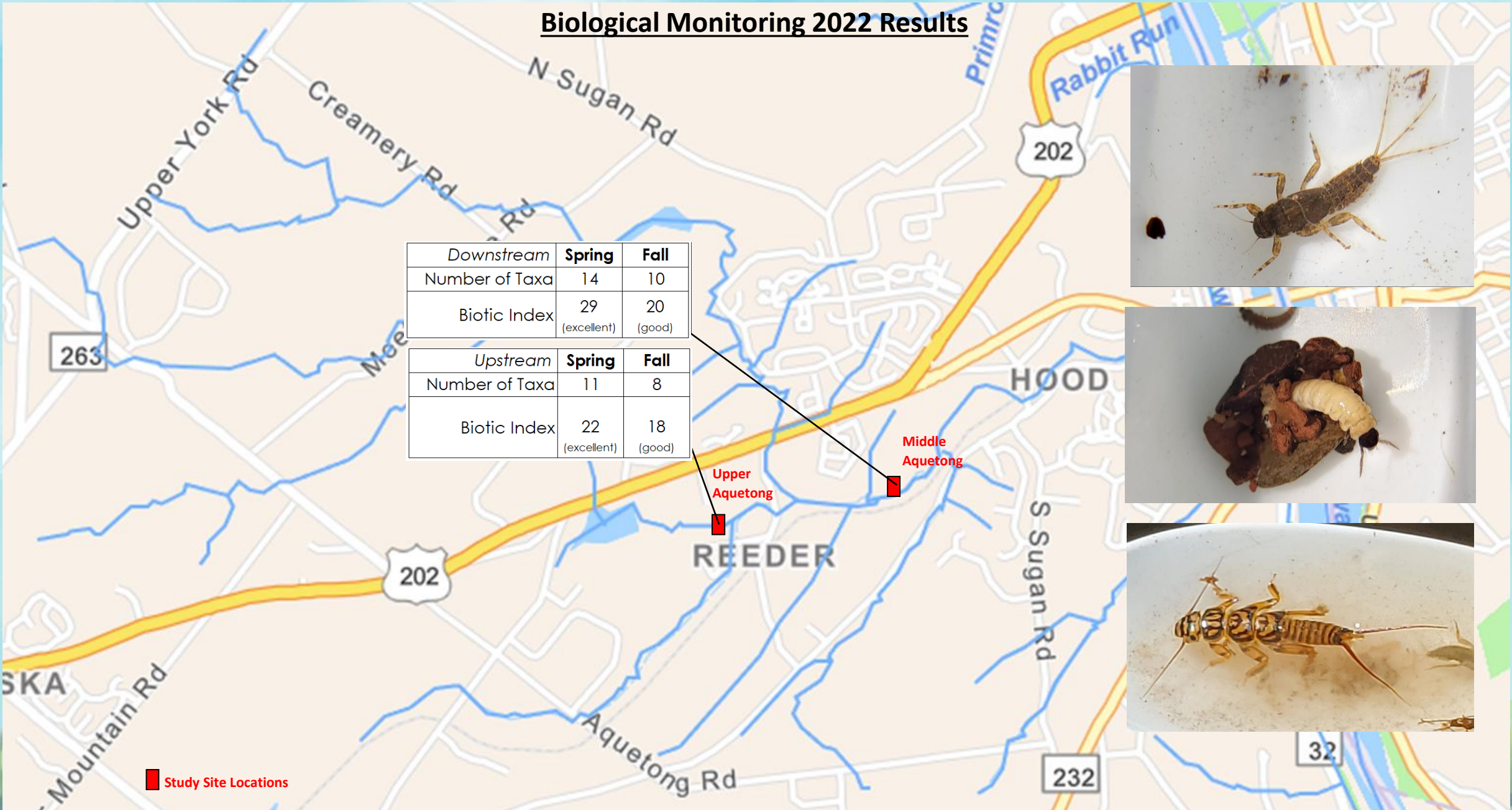


# Biological Monitoring 2022 Results

Downstream	Spring	Fall
Number of Taxa	14	10
Biotic Index	29 (excellent)	20 (good)

Upstream	Spring	Fall
Number of Taxa	11	8
Biotic Index	22 (excellent)	18 (good)



■ Study Site Locations



# AWA Water Monitoring Program Take-Aways:

- Spatial and Temporal temperature gradients exist within the Aquetong Watershed
- All sites have strong storm signatures.
- Chemical parameters (DO, Conductivity and pH) are consistent along the creek have been consistent over time.
- Seasonal variations are present in the macroinvertebrate community.
- Both biological locations have “excellent” scores and there is no significant gradient observed.
- **Our expanded Water Monitoring Program will provide valuable baseline information for observing longitudinal changes in our watershed.**





LOOKING AHEAD TO 2023





FARAN SAVITZ  
PennEnvironment