

Susquehanna County Stream Team Data Interpretation Workbook



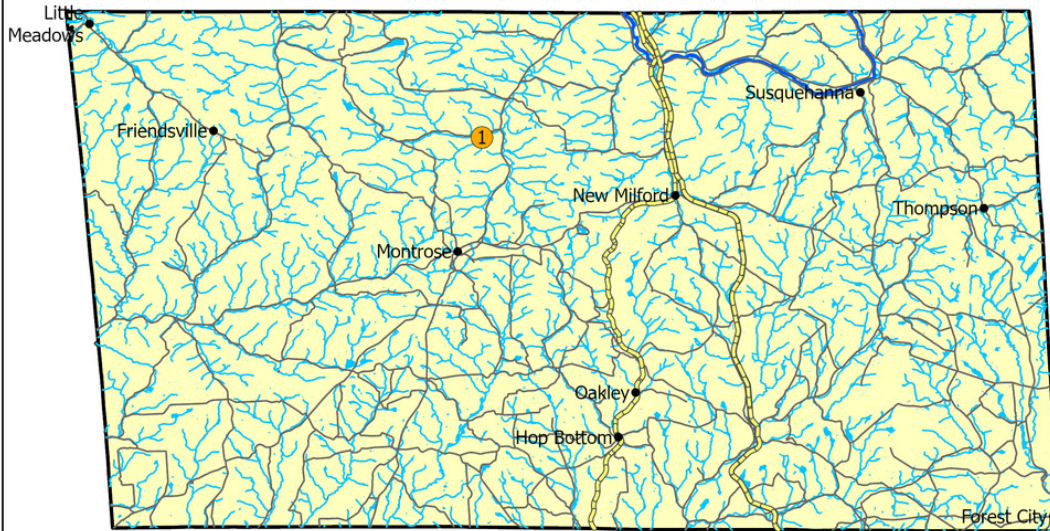
Dickinson

Stream Team | streamteam@dickinson.edu
Alliance for Aquatic Resource Monitoring (ALLARM)
dickinson.edu/ALLARM | [@ALLARMwater](https://www.instagram.com/ALLARMwater) | 717.245.1565



Monitoring Site Locations

Monitoring Site Locations Susquehanna County Stream Team



- Monitoring Sites
- Towns
- Interstates
- State Roads
- Susquehanna River
- Streams
- Water



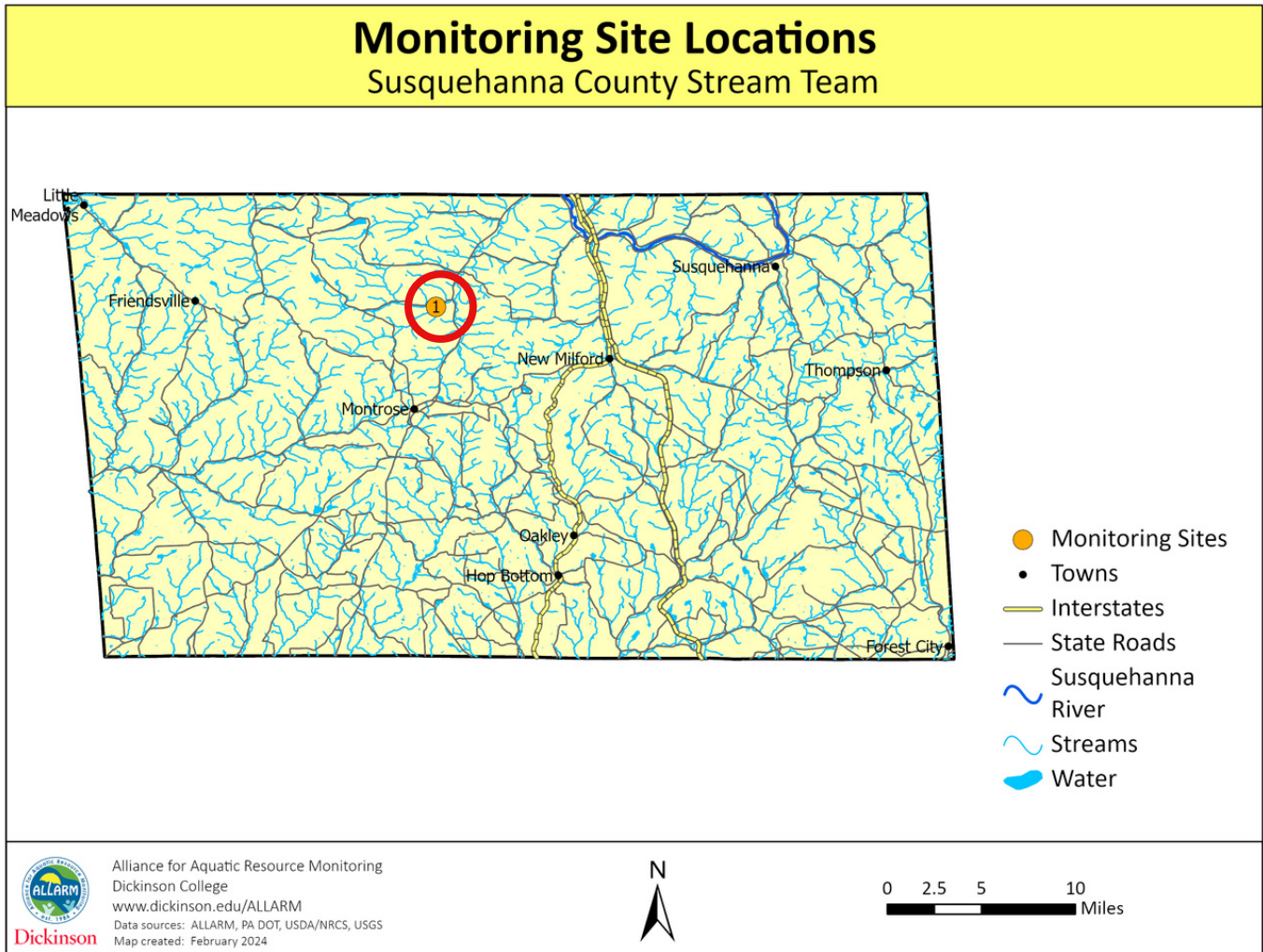
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Data sources: ALLARM, PA DOT, USDA/NRCS, USGS
Map created: February 2024



0 2.5 5 10
Miles

Silver Creek (SILCREO.87)

Monitor(s): Maureen Hoover, Tim Matthews, Martha Steed, Juliana Baker & Kerry Foose



Site information:

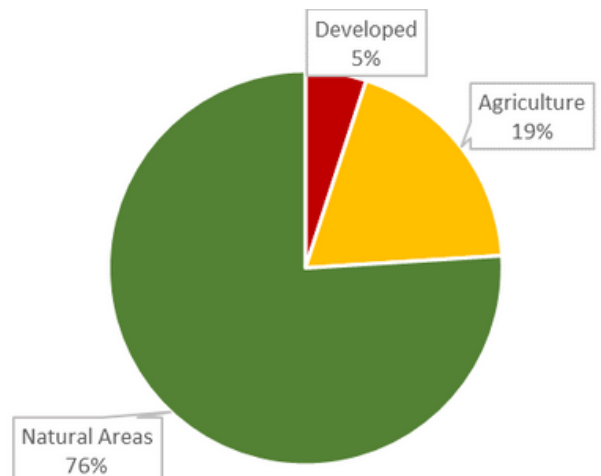
Drains: 57 mi²

Impaired: No

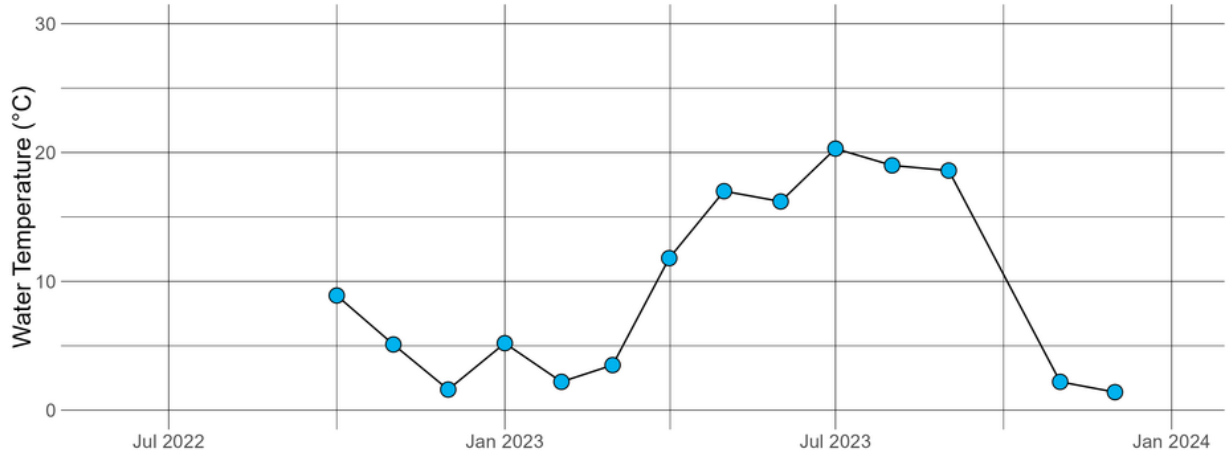
Designation: High Quality Cold Water Fishes (HQ-CWF)

Geology: 100% Non-calcareous

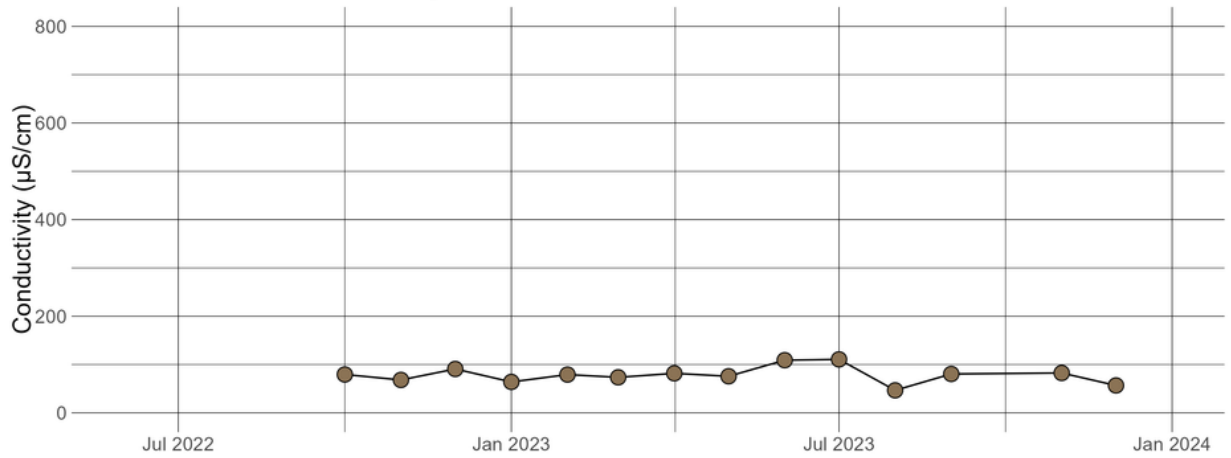
Land Use



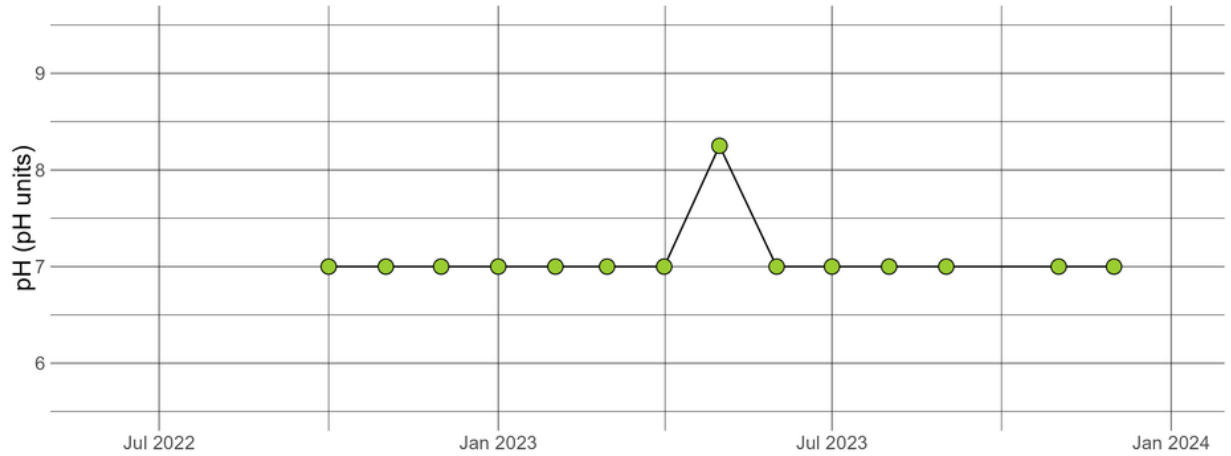
SILCRE0.87 - Water Temperature



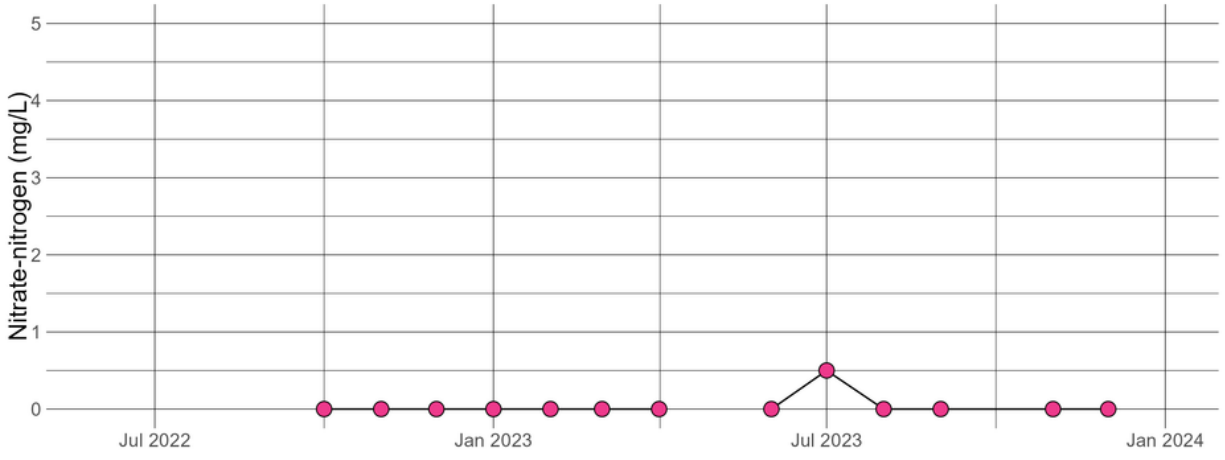
SILCRE0.87 - Conductivity



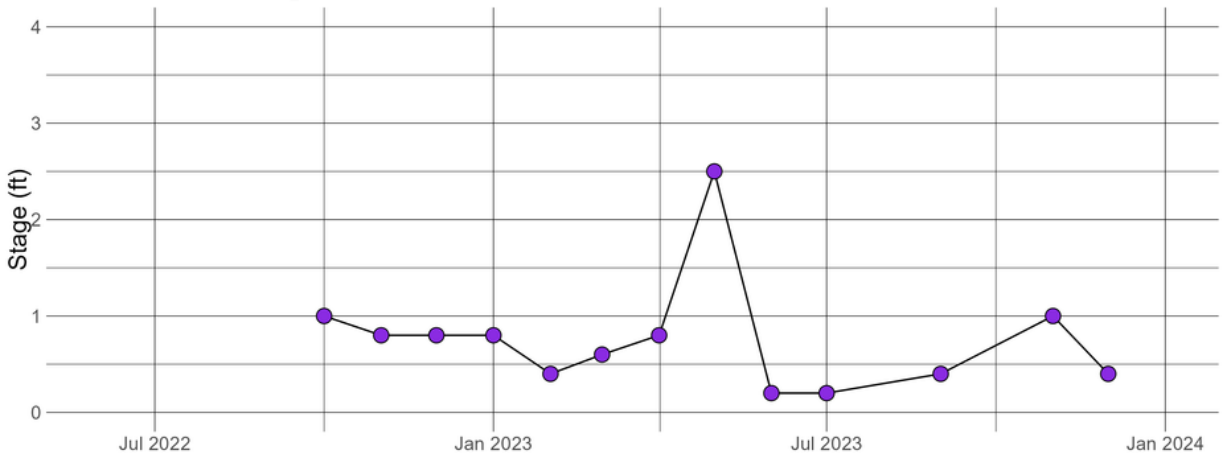
SILCRE0.87 - pH



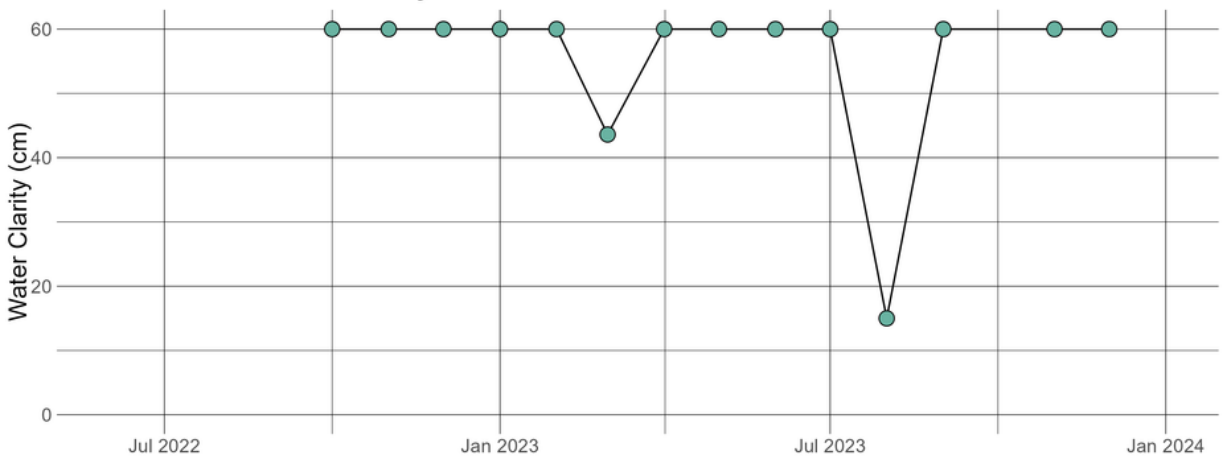
SILCRE0.87 - Nitrate-nitrogen



SILCRE0.87 - Stage



SILCRE0.87 - Water Clarity



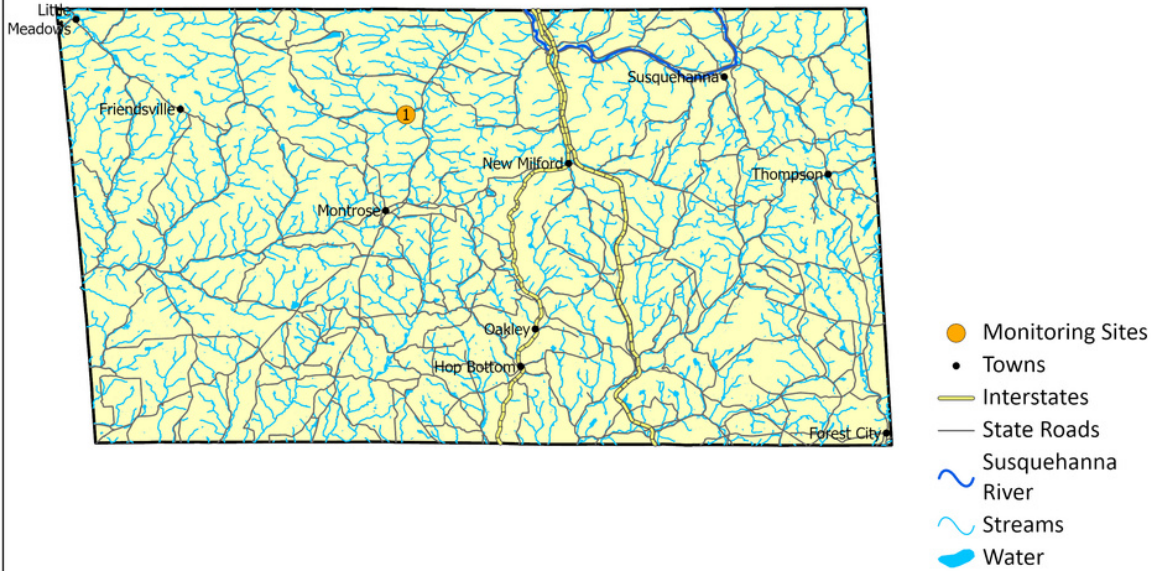
Raw Data and Summary Statistics

date	con	nitrate	ph	stage	clarity	watemp
Oct-22	79.4	0	7	1	60	8.9
Nov-22	68.1	0	7	0.8	60	5.1
Dec-22	90.8	0	7	0.8	60	1.6
Jan-23	64	0	7	0.8	60	5.2
Feb-23	79.2	0	7	0.4	60	2.2
Mar-23	73.5	0	7	0.6	43.6	3.5
Apr-23	81.8	0	7	0.8	60	11.8
May-23	75.7	7	8.25	2.5	60	17
Jun-23	109	0	7	0.2	60	16.2
Jul-23	110.7	0.5	7	0.2	60	20.3
Aug-23	46.6	0	7		15	19
Sep-23	80.5	0	7	0.4	60	18.6
Nov-23	82.5	0	7	1	60	2.2
Dec-23	56.7	0	7	0.4	60	1.4

Variable	Min	Max	Range	Average	Median
Conductivity	47	111	64	78	79
Nitrate-Nitrogen	0	7	7	0.54	0
pH	7	8.2	1.2	7.1	7
Stage	0.2	2.5	2.3	0.76	0.8
Water Clarity	15	60	45	56	60
Water Temp.	1.4	20	19	9.5	7.1

Supplemental Maps

Monitoring Site Locations Susquehanna County Stream Team

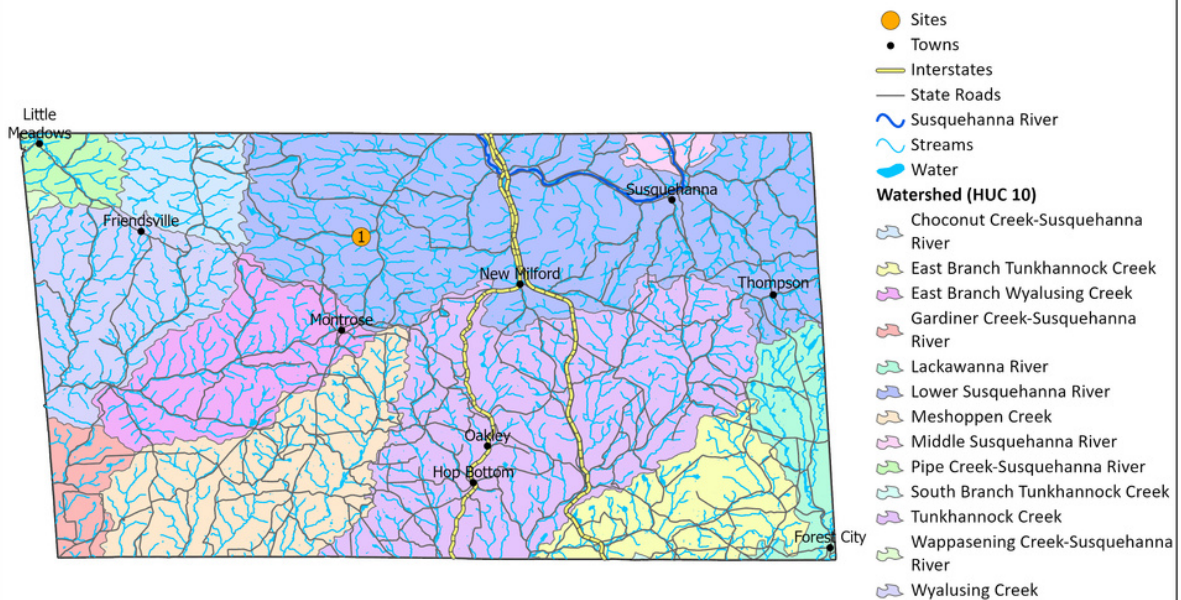


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Subwatersheds Susquehanna County Stream Team

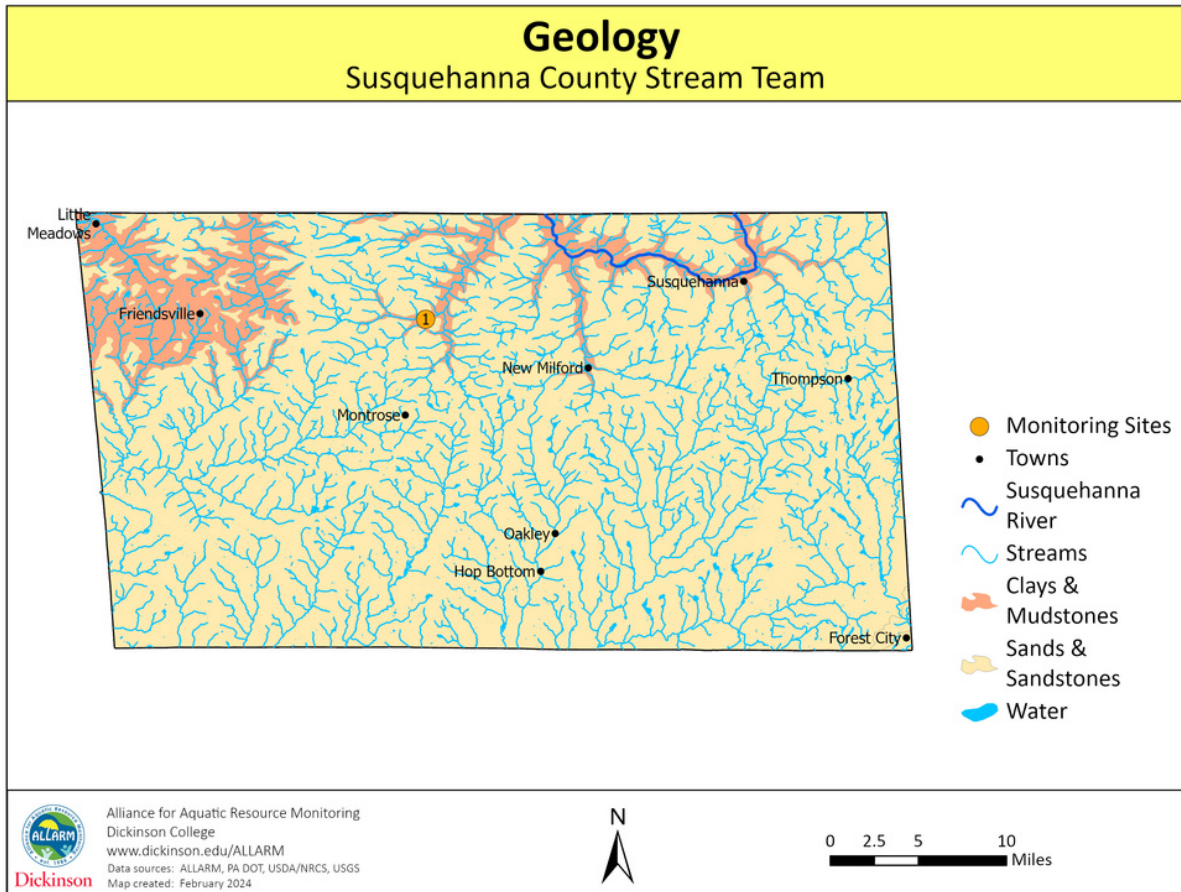
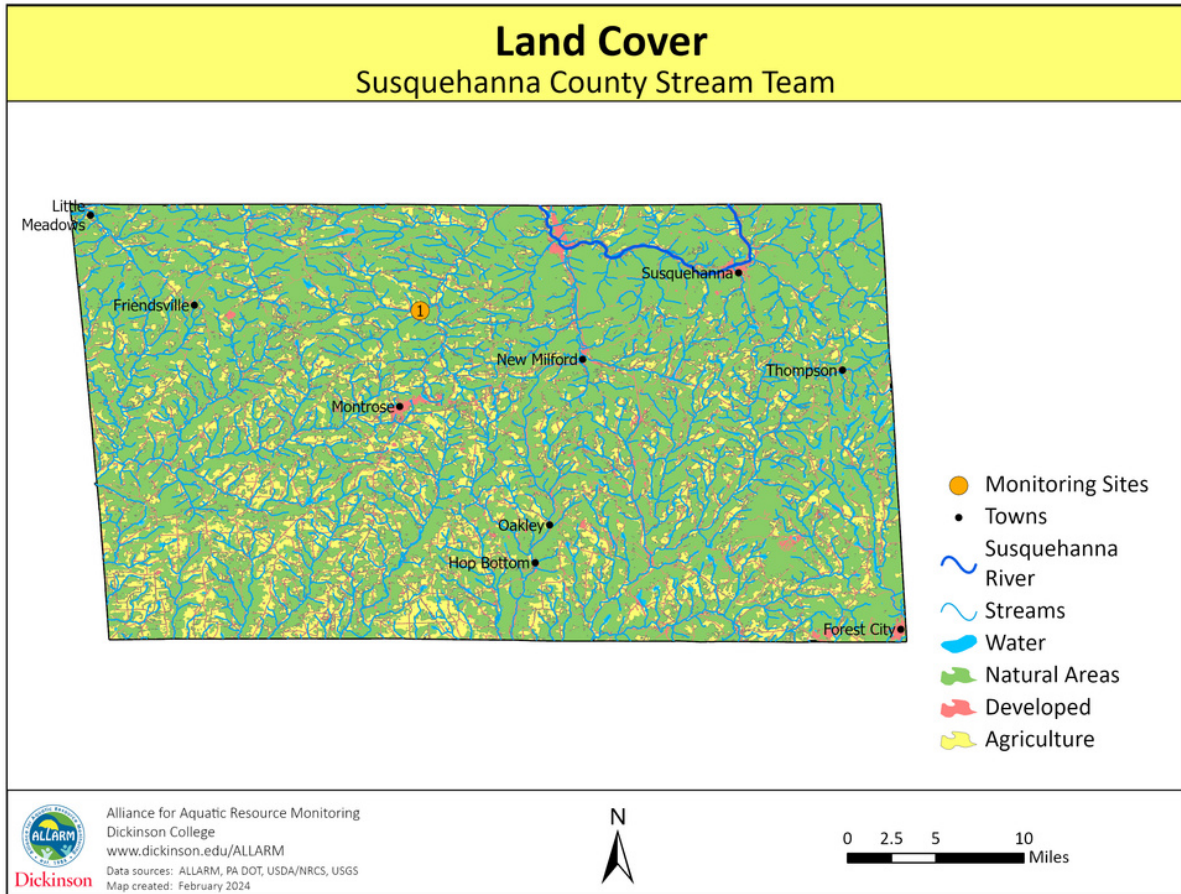


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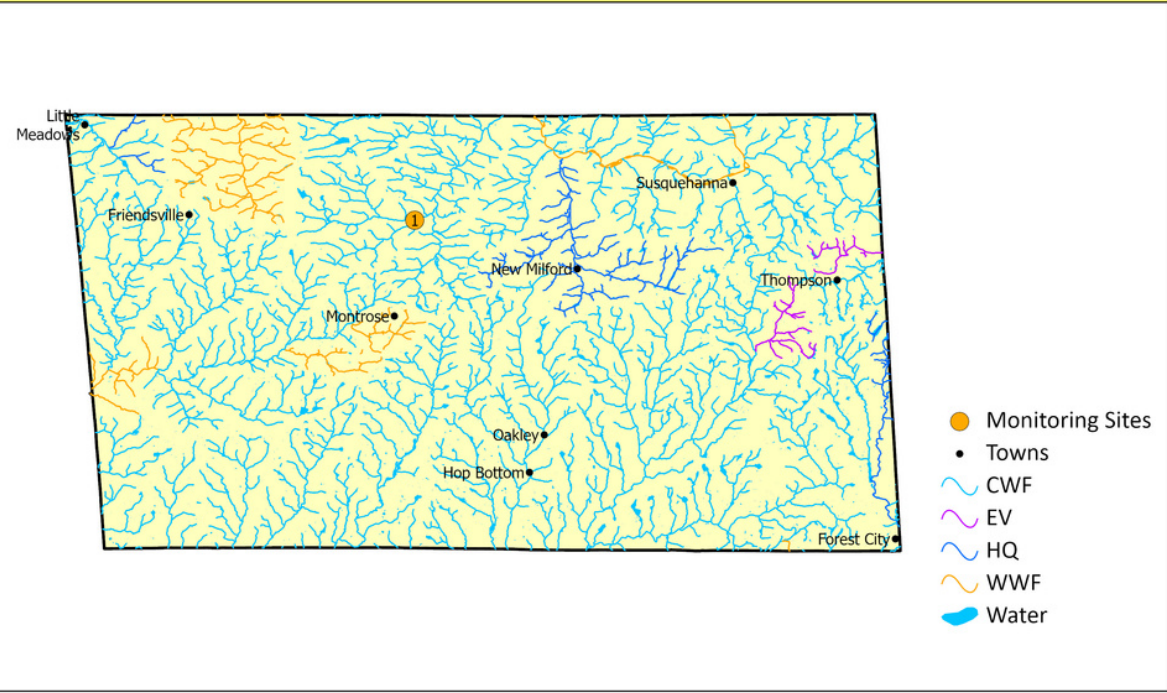
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Miles

Supplemental Maps



Supplemental Maps

Stream Designated Uses Susquehanna County Stream Team

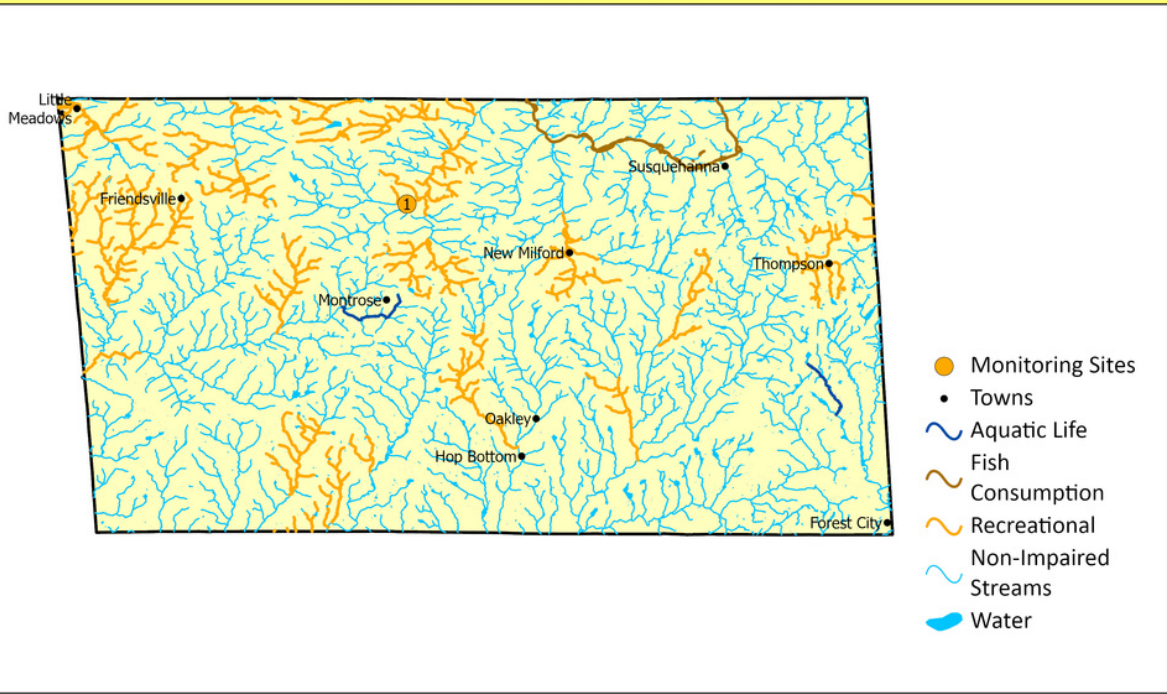


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Impaired Streams Susquehanna County Stream Team



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