

Freshwater Fisheries Catoctin Region

Stream Monitoring Data



Michael Kashiwagi
Potomac Patuxent Trout Unlimited
Laurel VFD meeting hall, April 16, 2025

Stream Monitoring Stations



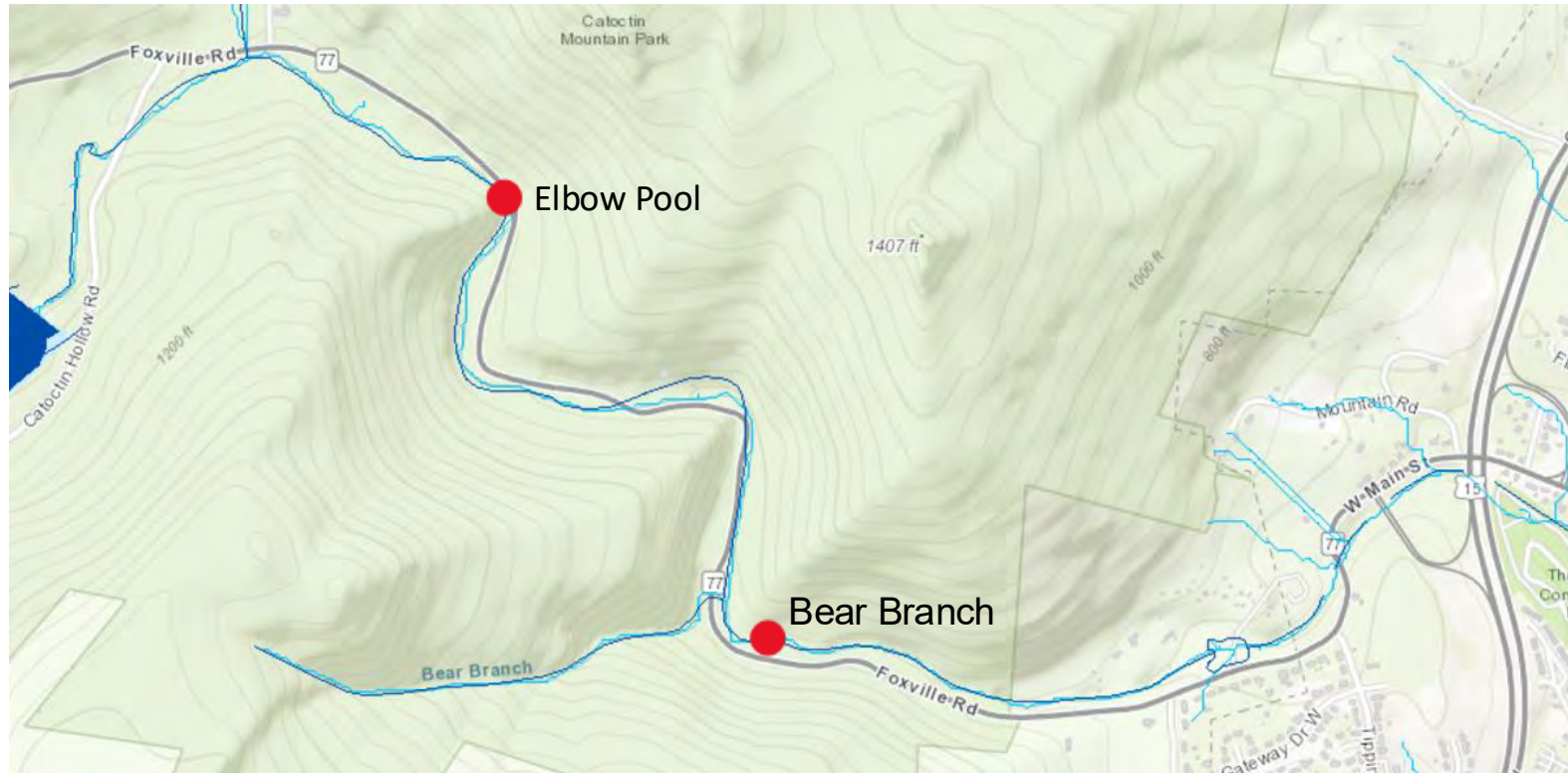
Long-term Stations

- Big Hunting Creek
- Little Hunting Creek
- Fishing Creek
 - Left Fork
 - Right Fork
- Clifford Branch
- Owens Creek

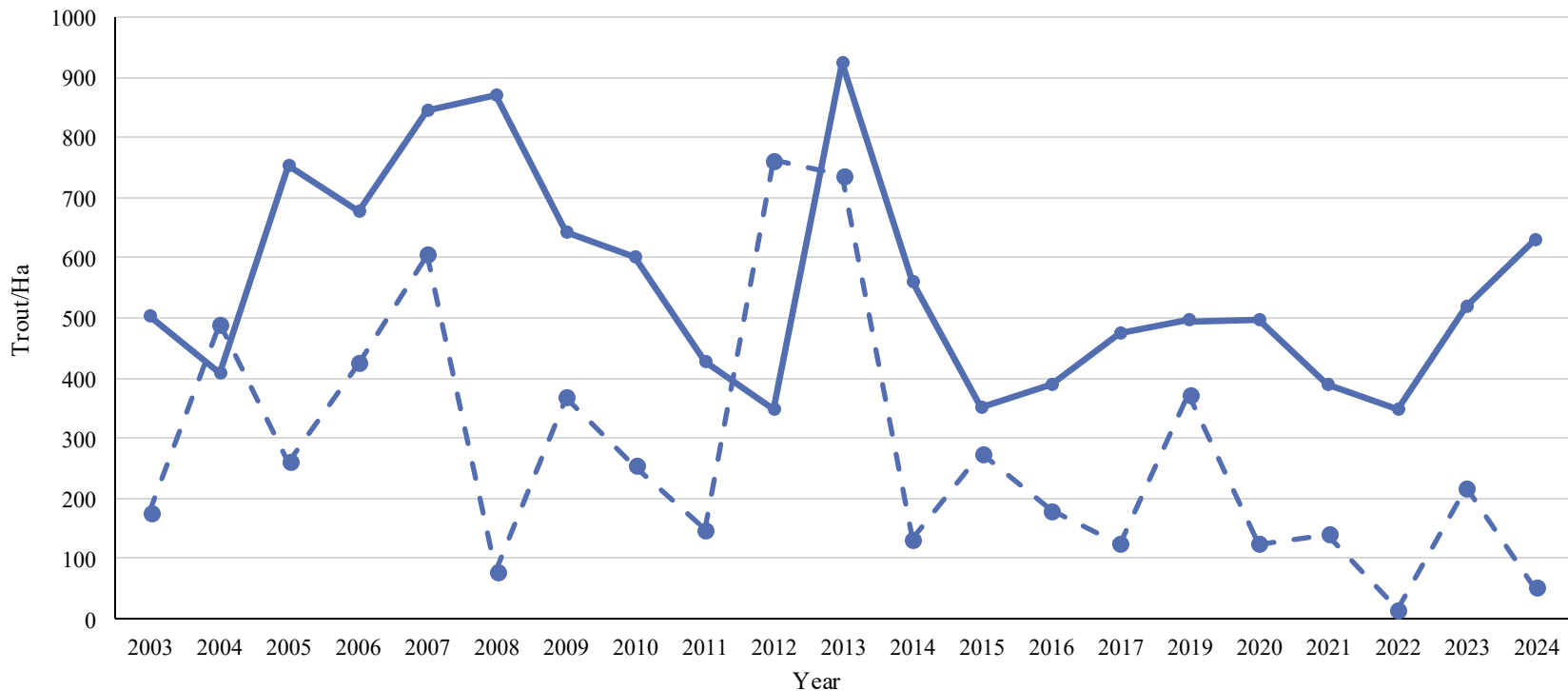
Monitoring Data

- Trout population estimates
 - Adult (solid line)
 - Young-of-Year (dashed line)
- Species
 - Brook trout (green)
 - Brown trout (blue)
- Stream water temperature
 - Percent >20°C

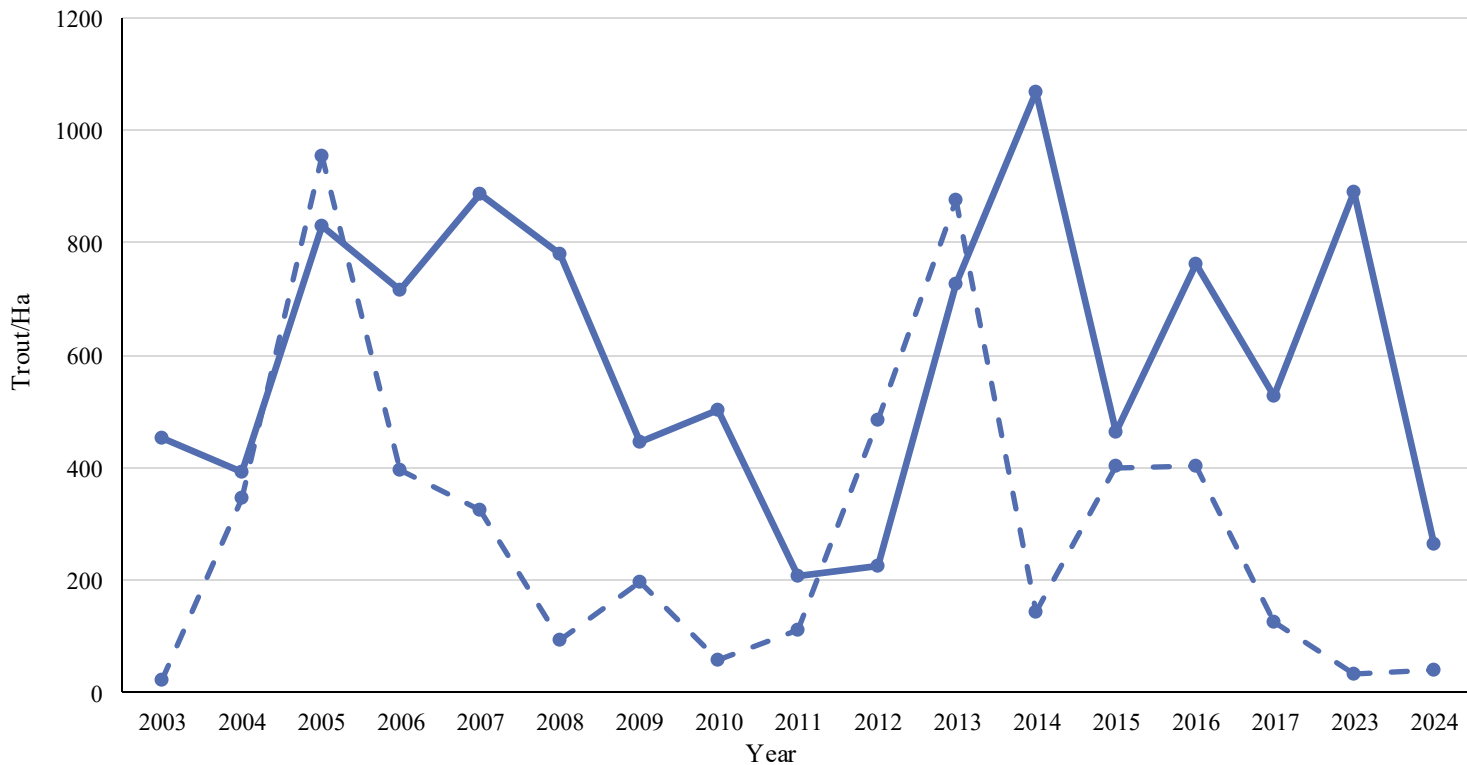
Big Hunting Creek



Big Hunting Creek – Elbow Pool



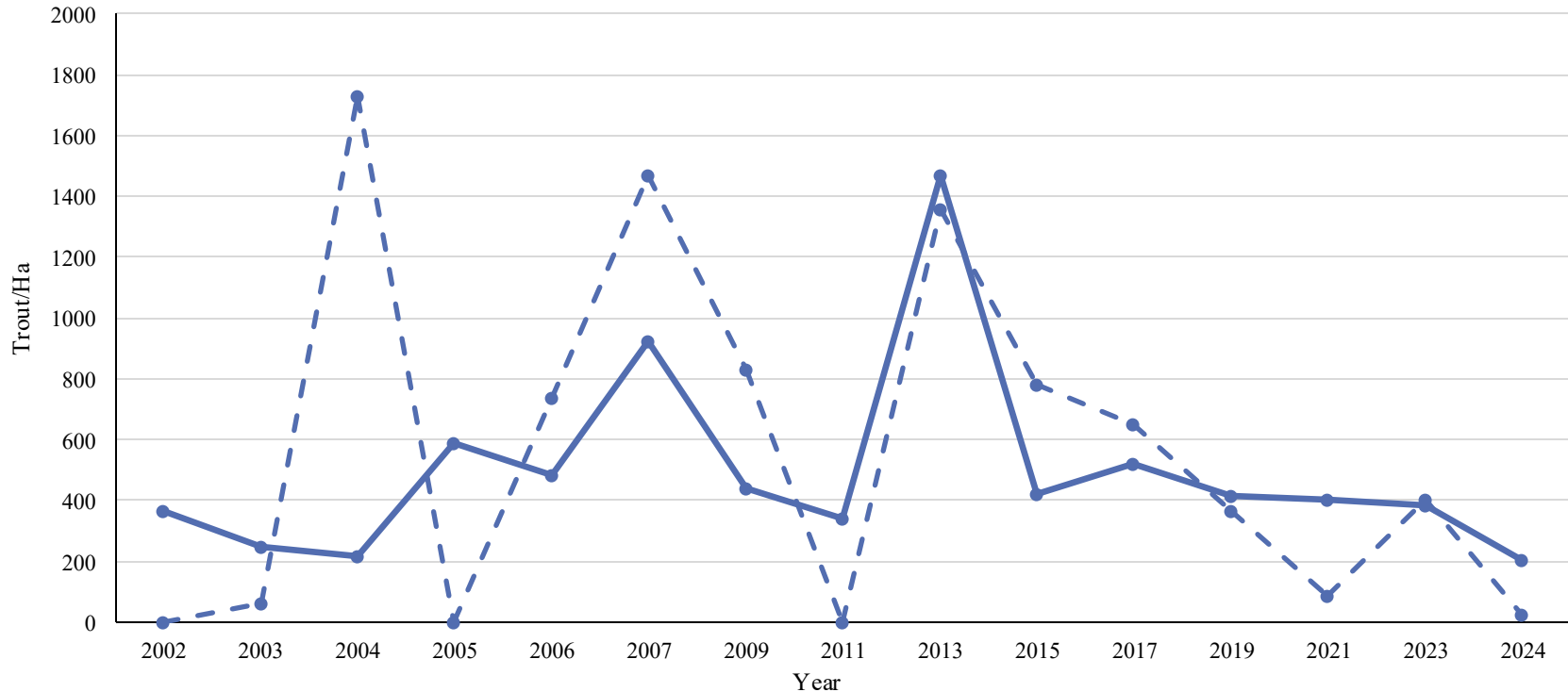
Big Hunting Creek – Bear Branch



Little Hunting Creek



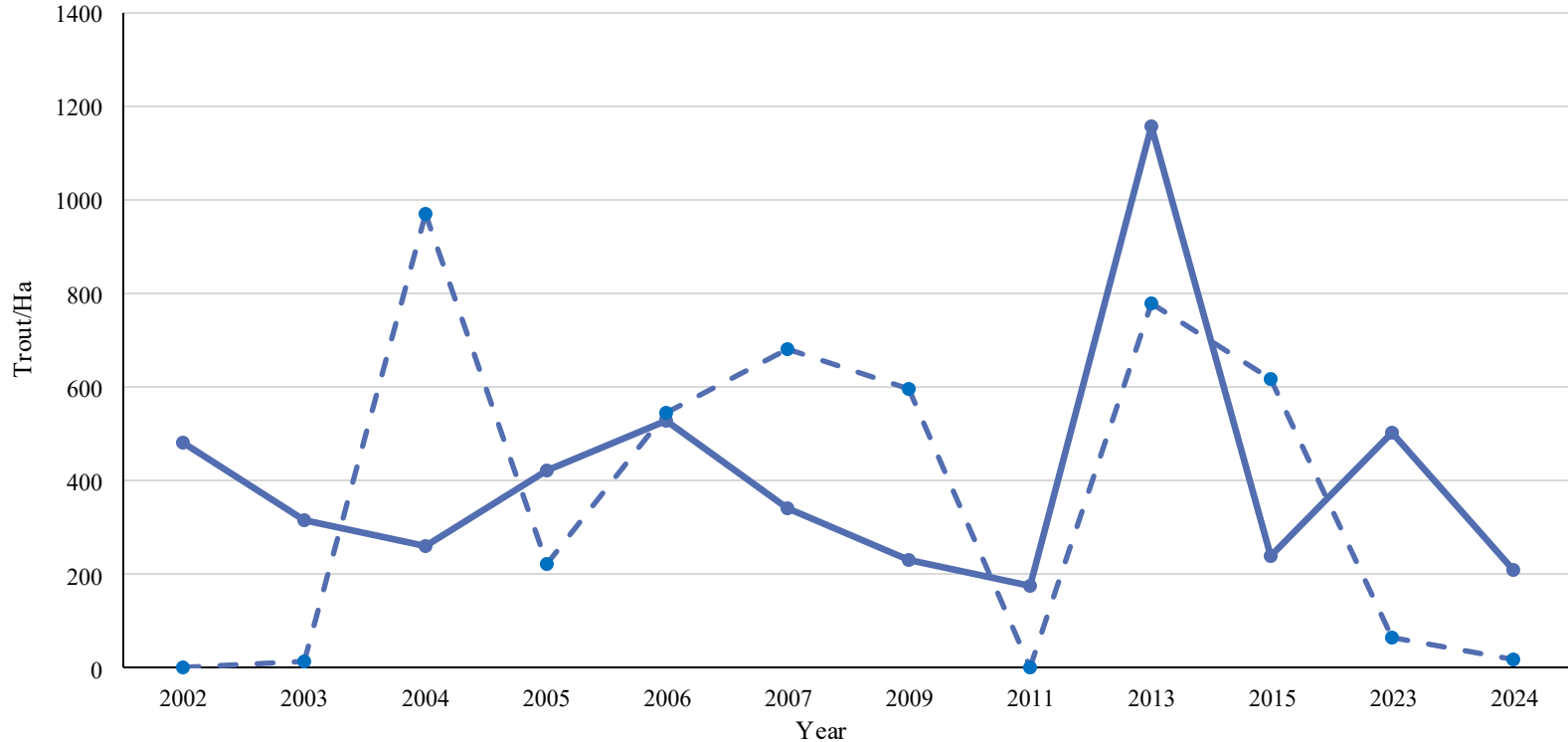
Little Hunting Creek – Catoctin Hollow Road



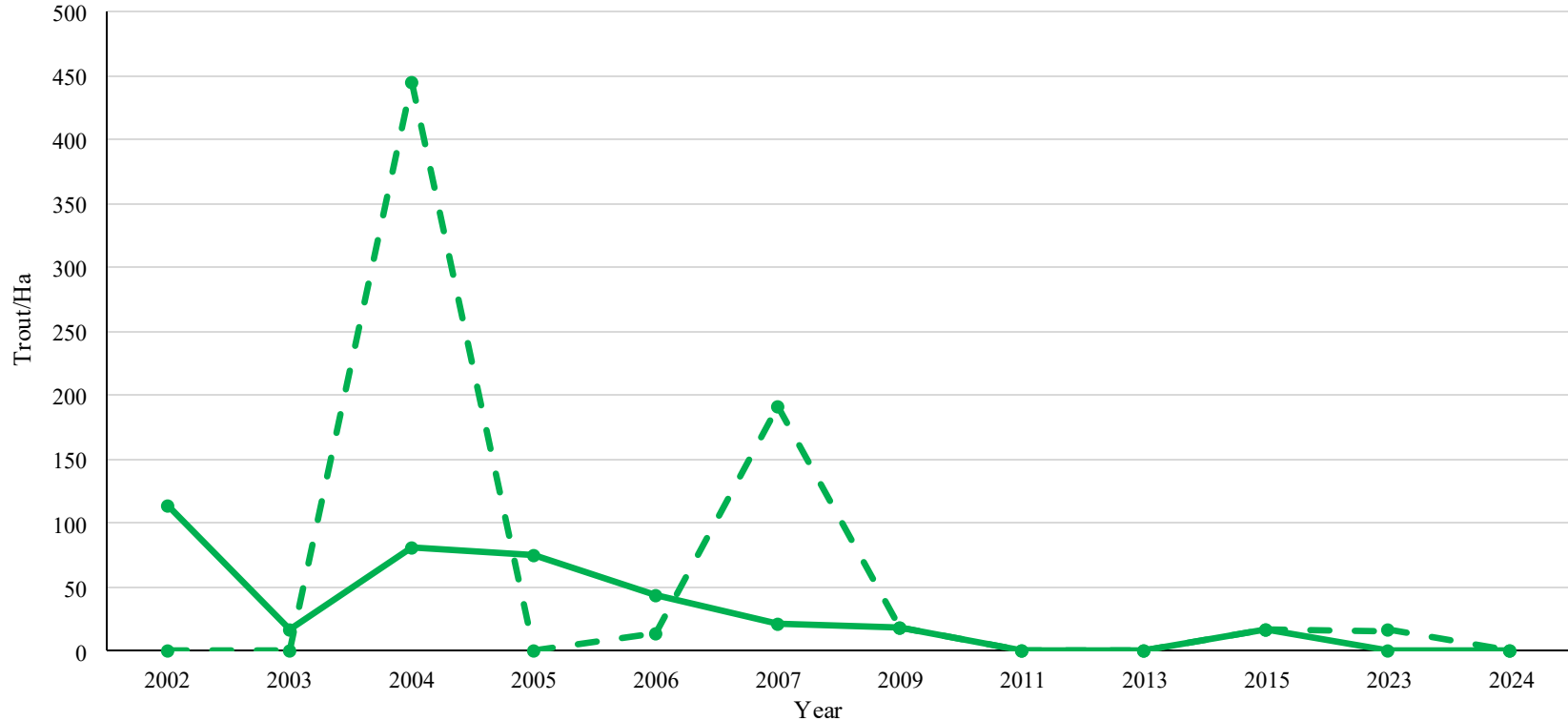
Little Hunting Creek – Catoctin Hollow Road



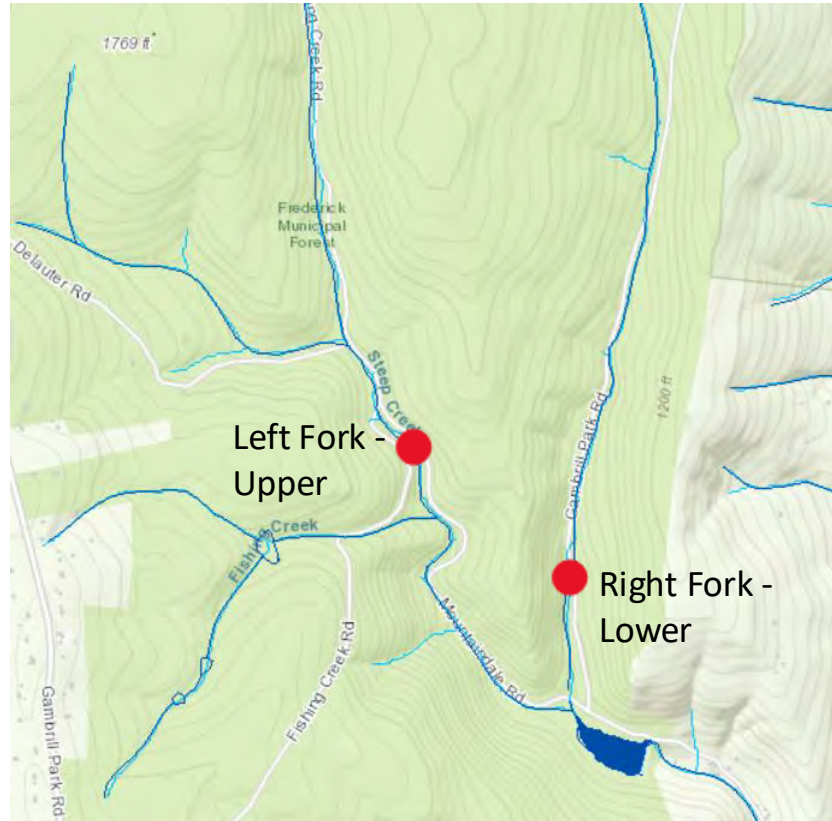
Little Hunting Creek – Manor Area



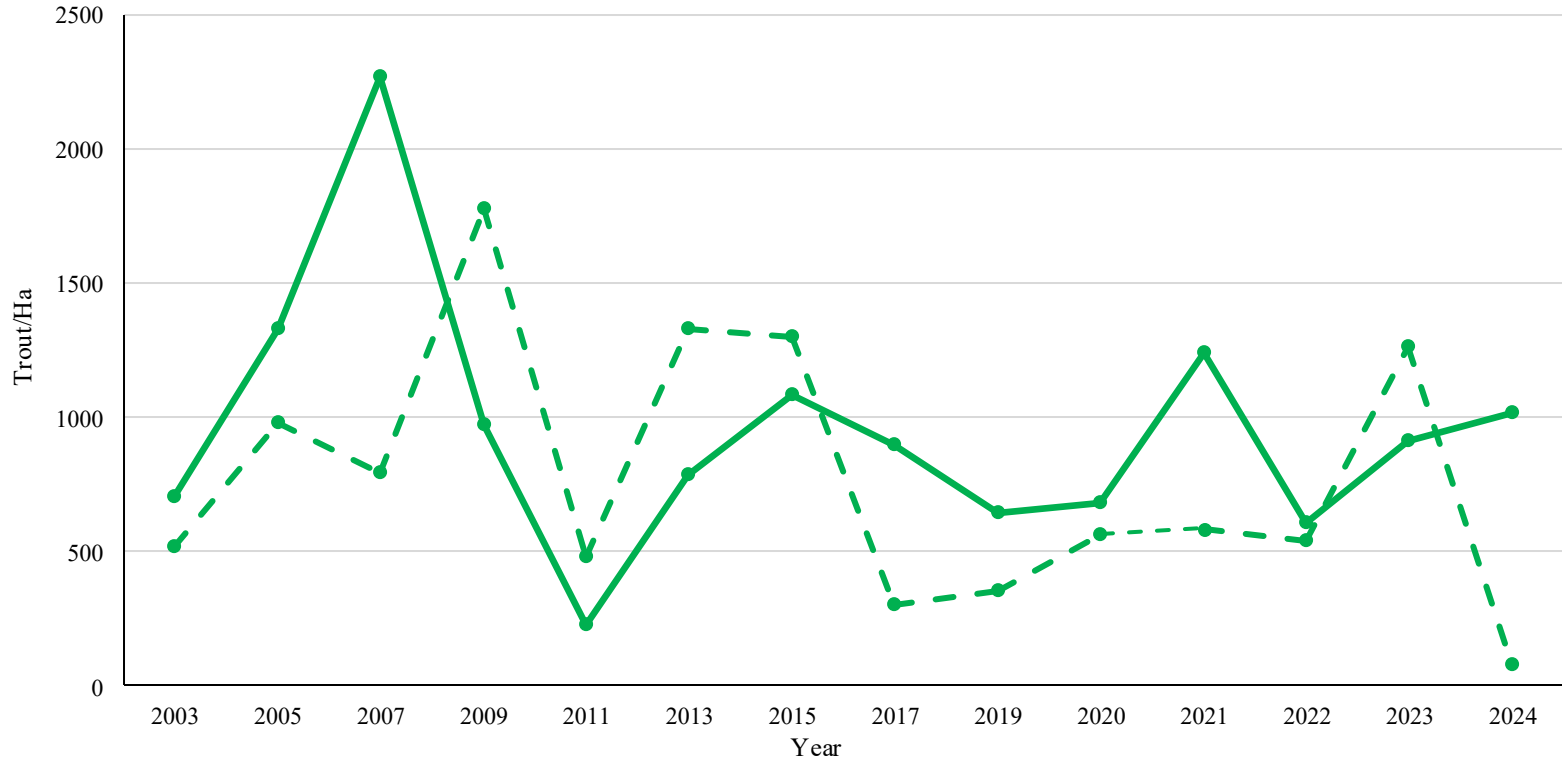
Little Hunting Creek – Manor Area



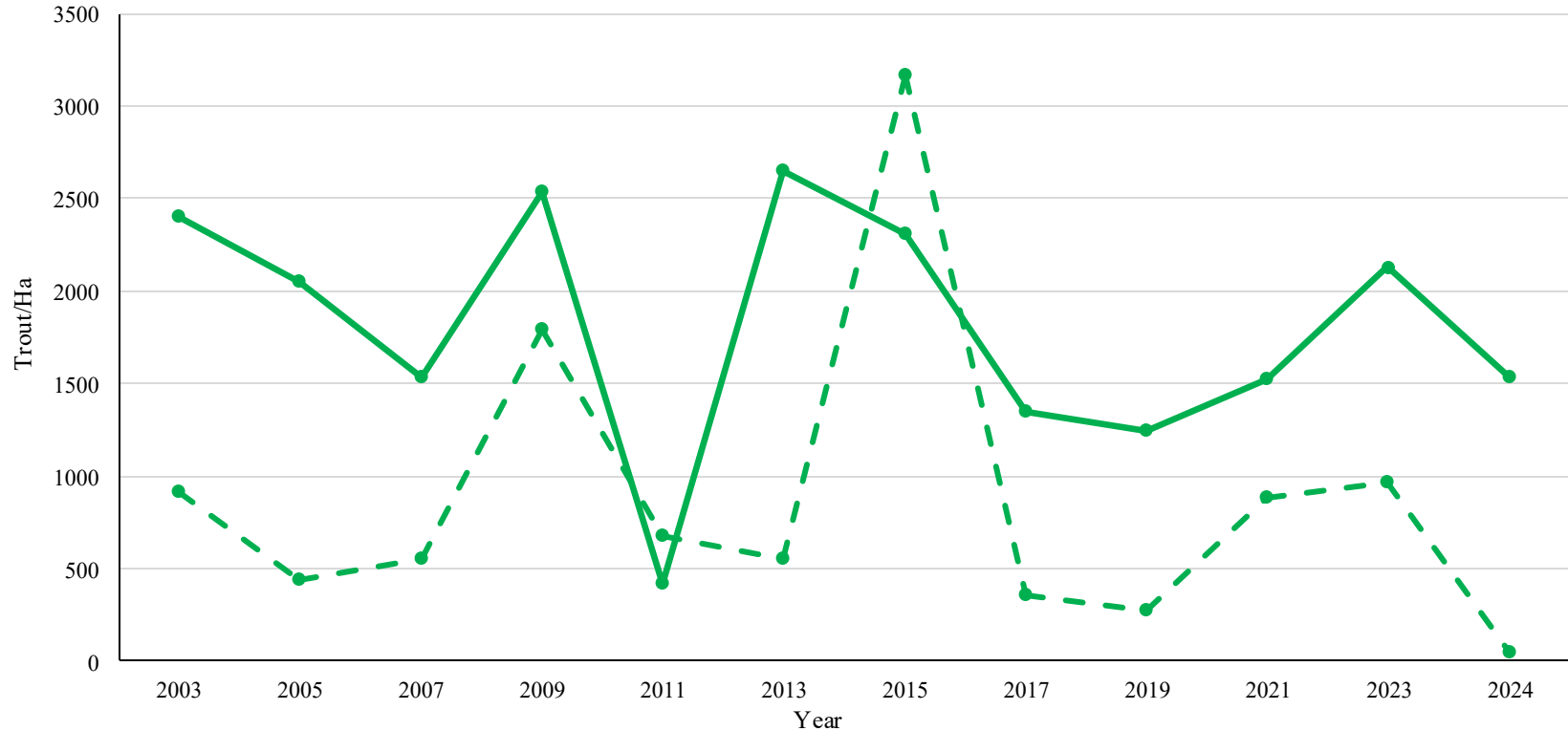
Fishing Creek



Fishing Creek – Right Fork Lower



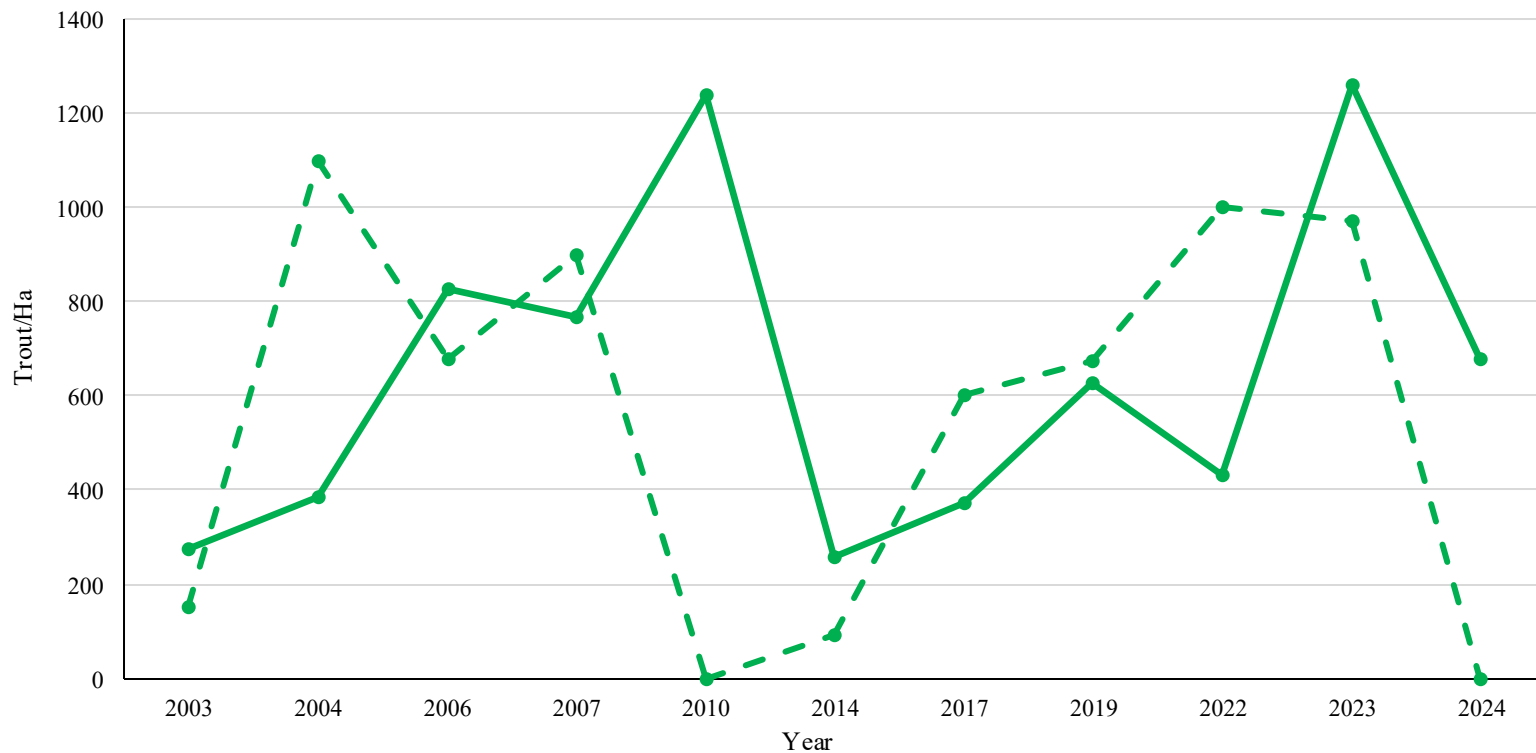
Fishing Creek – Left Fork Upper



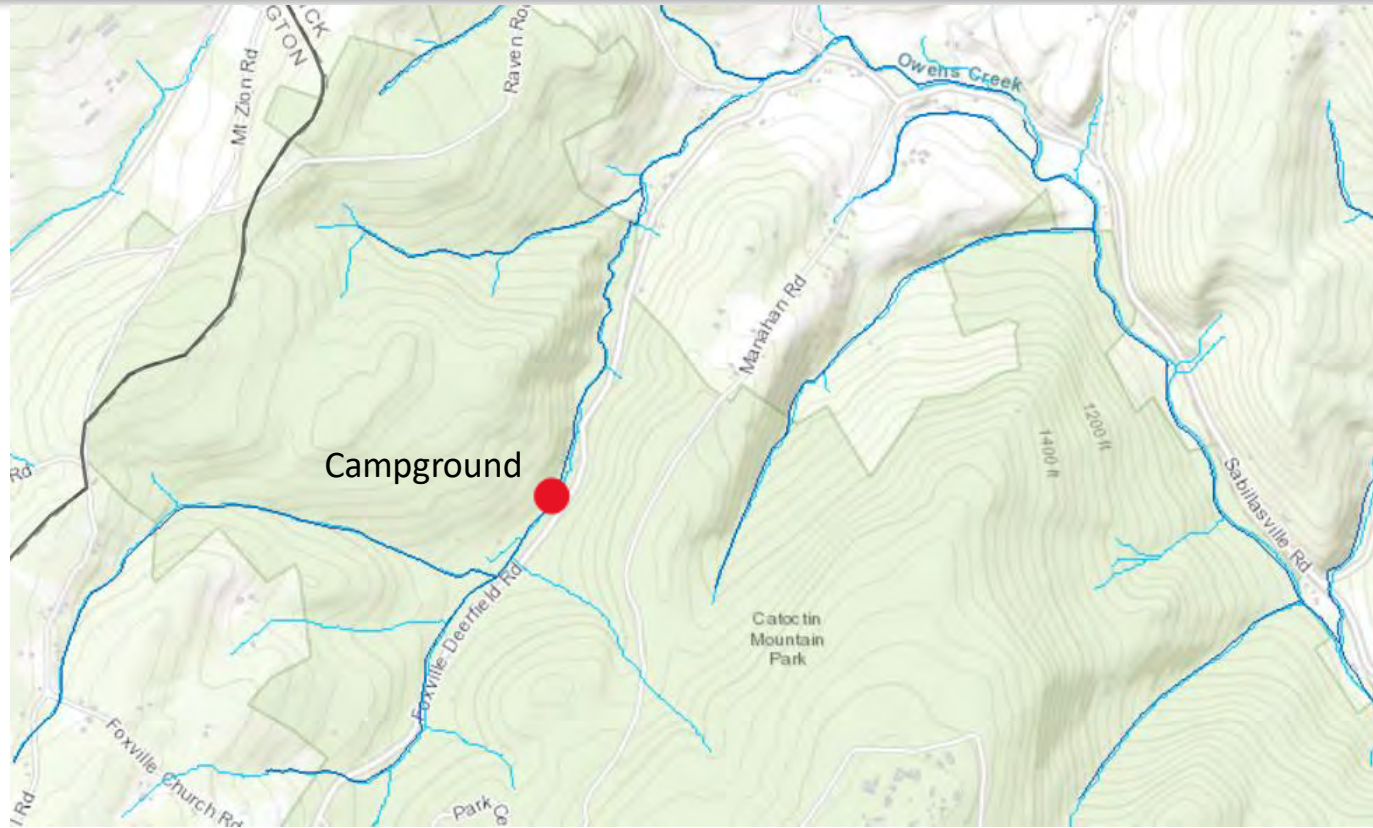
Clifford Branch



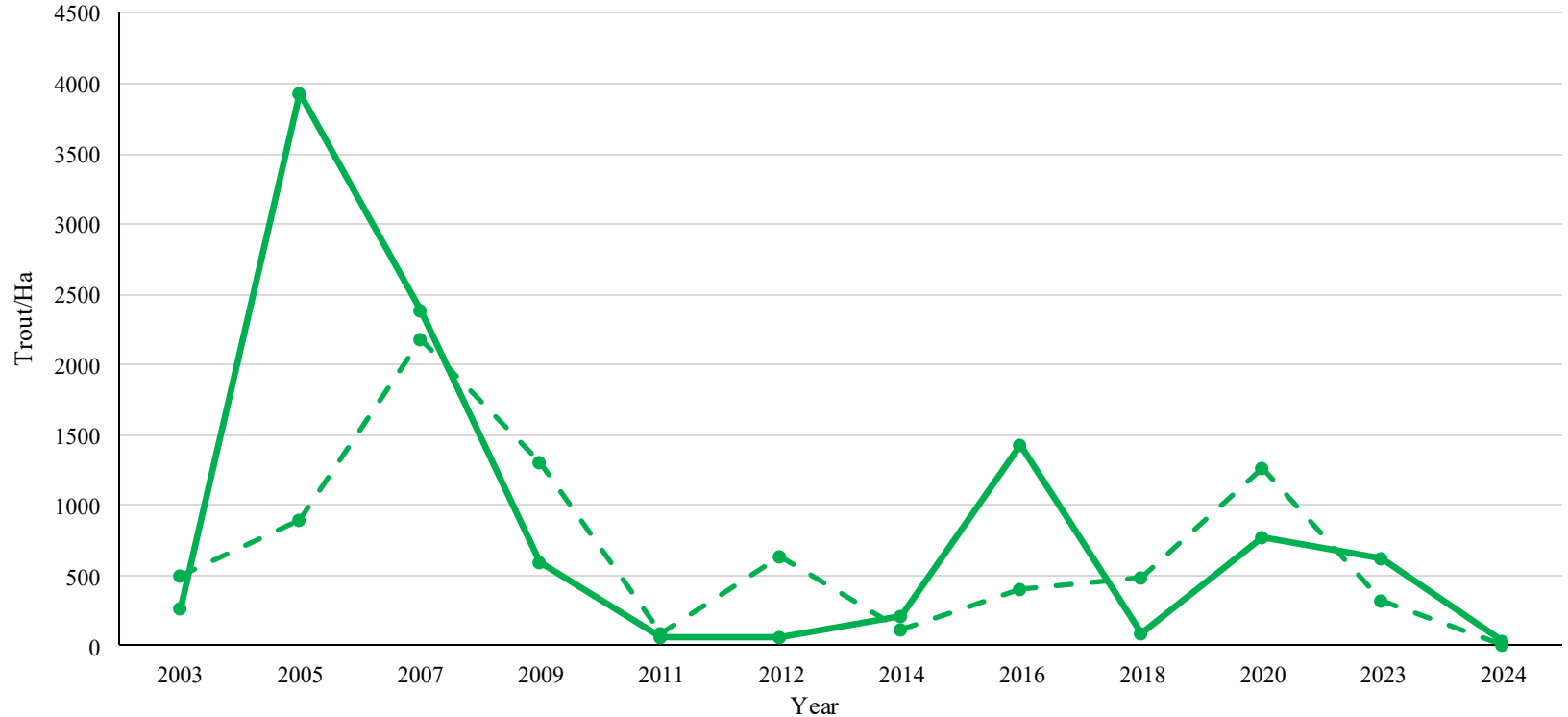
Clifford Branch



Owens Creek



Owens Creek - Campground



Stream Temperature



Percent of observations $>20^{\circ}\text{C}$
- Summer index period 6/1 – 8/31

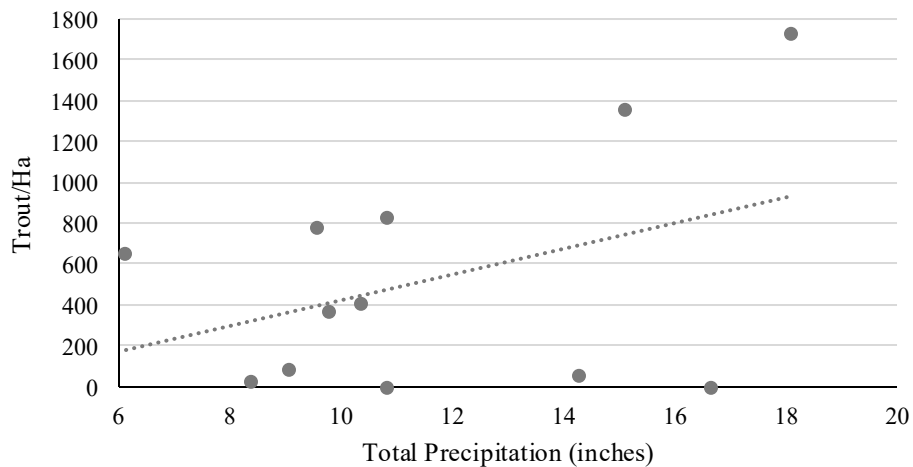
	Big Hunting Creek	Little Hunting - Catoctin Hollow	Little Hunting - Manor Area	Fishing Creek – RF Lower	Fishing Creek – LF Upper	Clifford Branch	Owens Creek - Campground
2017	6.7	2	29.7				
2018	27.4						
2019			38.9	6.8	1.1	17.7	7.8
2020	1.8						25.1
2021	1.8	17.5		10.3			14.3
2022	1.9			0.3		24.7	
2023	0.05	11.4	35.2	0.2	0	25.4	13.8
2024	1.7	24.1		16.4	0.4	35.4	21.8

Flow vs YOY Abundance

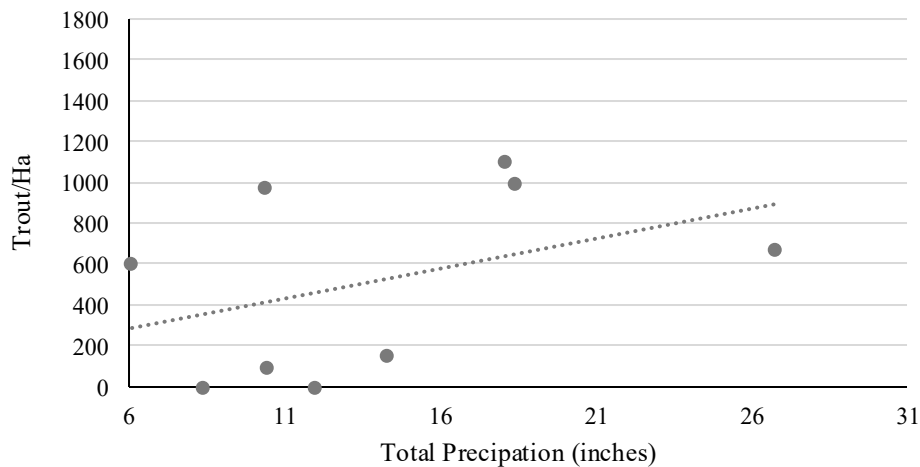


Fall precipitation (September - November) plotted against YOY abundance estimates

Little Hunting Creek – Catoctin Hollow Rd



Clifford Branch

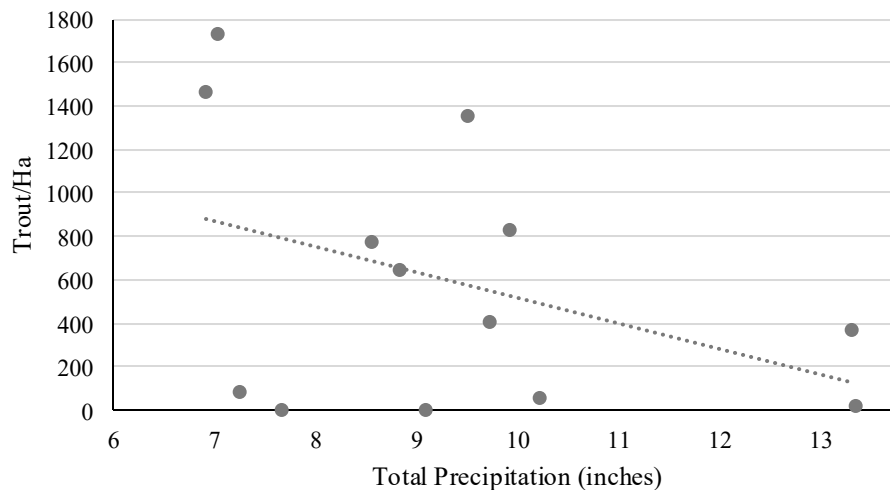


Flow vs YOY Abundance

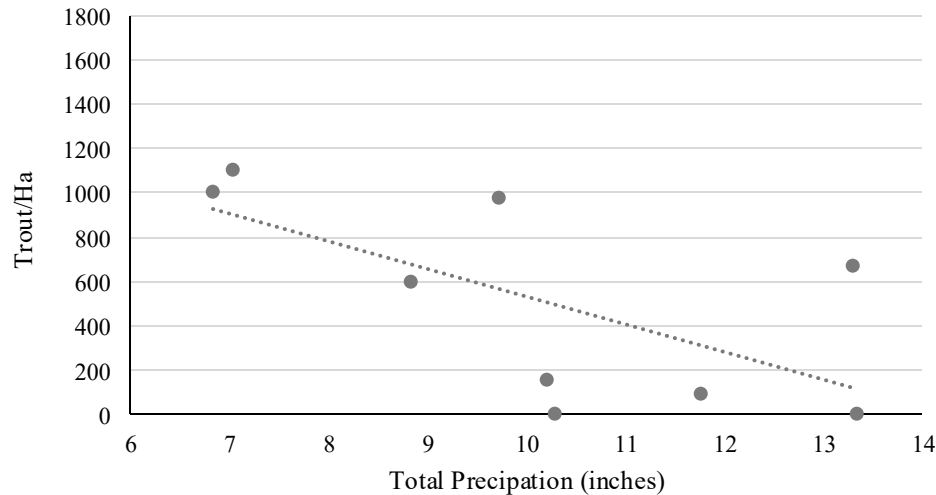


Winter precipitation (December – February) plotted against YOY abundance estimates

Little Hunting Creek – Catoctin Hollow Rd



Clifford Branch



Regulation Changes



2025 Youth Fishing Day - Saturday March 22

- All Closure 1 areas
- <16 years old, 6:30 am – 10 pm, 2 trout per child

2025 Trout Opening Day – Saturday March 29

- No more Closure 2 areas
 - Hamburg Pond = Closure 1
 - Whiskey Springs Pond = Closure 1
 - Rainbow Lake = Closure 1
 - Frank Bentz Pond = Closure 0
 - Indian Springs Pond = Closure 0

Pangborn Pond



Pangborn Park

- Owned and managed by City of Hagerstown
- Special Management Area
 - Youth (<16 years old), blind, senior (>65 years old) anglers
 - Put-and-Take location
 - Youth Fishing Rodeo events
- Current movement to ban all fishing
 - Single resident
 - Past waterfowl incident



Please write to the Hagerstown City Council
councilcomments@hagerstownmd.org

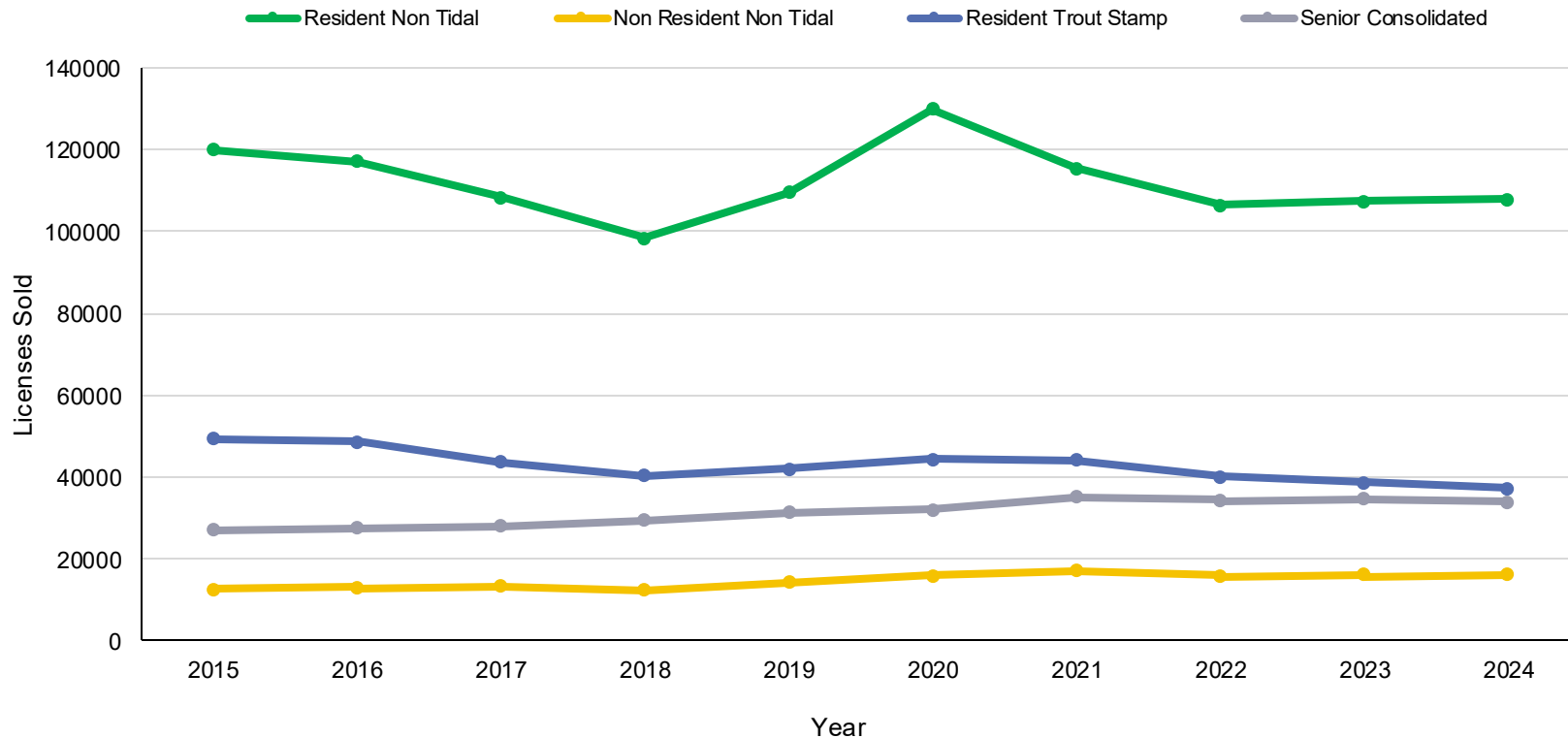
License Fee Increase



2025 General Assembly (SB0258, HB0040)

- Resident nontidal - \$32 (\$20.50, 2007)
- Non-resident nontidal - \$55 (\$30.50, 2007)
- Resident trout stamp - \$20 (\$5, 1992)
- Non-resident trout stamp - \$30 (\$10, 1992)
- Senior consolidated (includes trout) - \$12 (\$5, 1992)

License Sales Trends



How much do 5 trout cost?



Commercial Hatchery

- Laurel Hill Trout Farm (Newville, PA)
 - Delivery = \$7.50/lb + (\$2.50 x road miles)
 - Direct pick-up = \$5/fish
- Musky Fish Hatchery (Asbury, NJ)
 - 11-12 inch trout = \$8/fish
 - 14-15 inch trout = \$15/fish
 - 15-17 inch trout = \$35/fish
 - Delivery = \$4 x road mile

Grocery Store

Rainbow trout fillets

- Whole Food - \$15.99/lb
- Giant – \$9.99/lb
- Acme - \$13.99/lb

Angler Photos



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