

25<sup>th</sup> YEAR  
of  
LATERAL LINES

# Lateral Lines

The Monthly Journal of Winchester TU  
Chapter #63

"The future isn't what it used to be." Riding and Graves, 1937

February 2020

Volume 25, Number 2

Next meeting is Thursday,  
February 6, 2020

5:00 p.m. Dinner  
Donato's Touch of Italy  
1361 N Frederick Pike  
Winchester

7:00 p.m. Meeting  
Winchester Red Cross  
561 Fortress Drive  
Winchester



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See you at the meeting on Thursday, February 6, 2020  
Bill Prokopchak, Newsletter Editor  
540-722-2620

## Bud on the Run: Update on the January Workday at Redbud Run

by Bud Nagelvoort

photos by Bill Prokopchak and Bud Nagelvoort

We were finally able to carry out a work session at Redbud at Seipel's on January 31, just in time to be able to add it to our continuous monthly record (I think) since 1996 at Page Brook where it all began with a "Lunker Cover" and rainbow stocking at Jack Schutte's place at Route 617 just south of Boyce.



**Top:** WTU members and vehicles are ready for an unusual Saturday workday at Redbud.

**Far left:** Tom prepares a length of wire for installation of a fish-cover structure.

**Right:** Terry prepares for the day's creek work with chest-high waders and work gloves.

Seven Winchester TU (WTU) members came out for this unusual Friday workday. Regular hands included Bud, Terry, Fred, Bill, Jim, and Clark.

New WTU member, Tom McCabe appeared on the scene for the first time, too. We found out right away he could deal with Terry's stories and jokes and was otherwise impressive all the way around with his love of rocks and pry bars and wire.

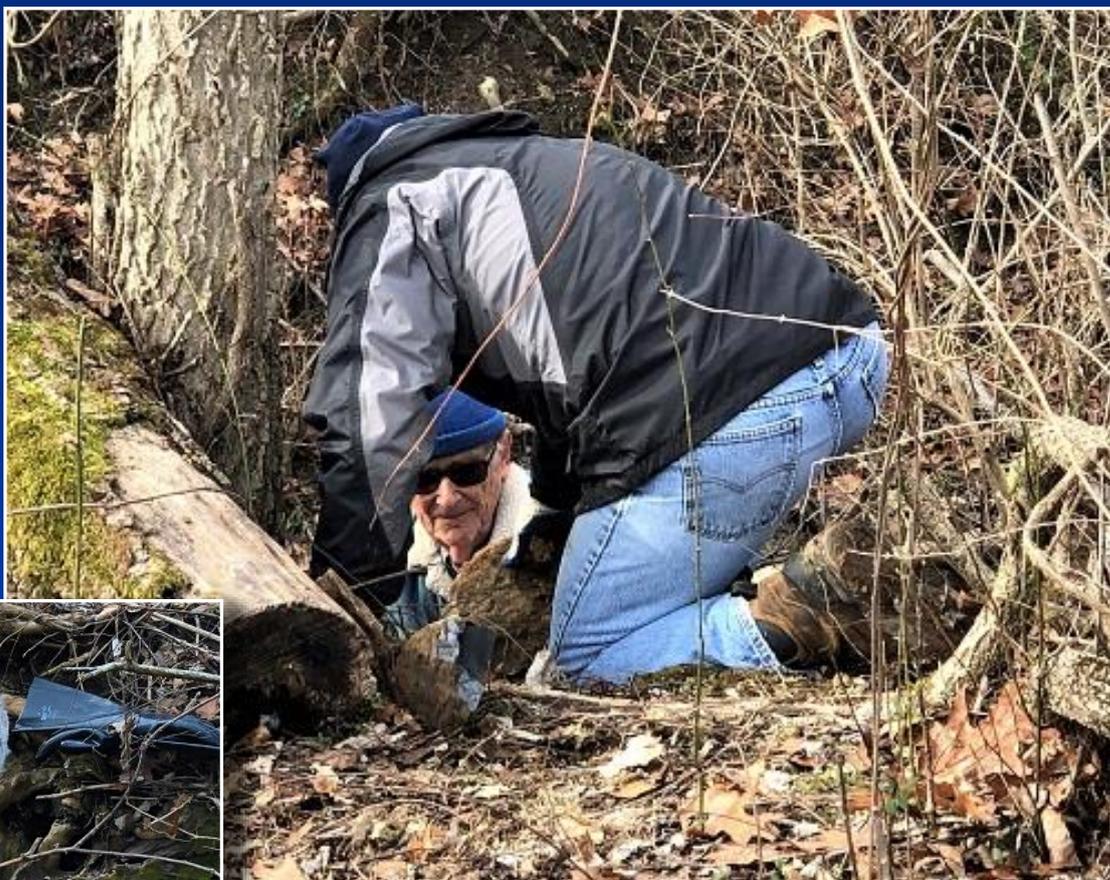
While the seven-man crew was not the largest ever, it again made up for quantity with quality.

**"Bud on the Run" continues on the next page.**

## Bud on the Run -- continued

Giant boulder specialist Terry and his ever-astounding pulley systems, along with Bill and his winch and with Fred's supervision, moved into place the largest boulder we have tackled.

It now provides bank protection on the north bank just above the lovely new inverted V there Bill has appropriately named Sycamore Island V.



Tom then politely found a planning flaw immediately upstream at the bank and directed the collection and installation of five large rocks to complete the bank protection there.

In the meantime, Clarke, Jim, and Bud collected rocks at our famous four-site rock piles to fill in a north bank-end gap at Clarke's Crosslog. At the same time Bill and Terry installed three old Christmas trees for fingerling trout cover, two at Sycamore Island V and another at Clarke's Crosslog.



We wrapped up the morning at the rock piles sorting out the good rocks from their earthen burial grounds where an occasional green mint plant refreshed the local fragrance otherwise subject to the presence of cow manure.

Finally, we installed three of the medium-sized rocks to occupy a gap under the electrically charged cattle-exclusion fence, a gap where young calves might have tried to get under the fence to reach the stream.

Great morning and great day for Redbud Rainbows.

**Top Right:** Bud and Jim roll rocks to reinforce the north side of Clark's Crosslog.

**Top Left:** Terry wires in an old Christmas tree to provide cover for young Rainbows.

**Above:** Bill sets a strong wire in preparation for installation of a fish cover structure.

**Right:** Clark moves some smaller rocks under the fence for later use in stream-bank protection.



## Winchester TU 2020 Speaker Schedule

Mark your calendar now and plan to hear all of these presentations.

**March 5<sup>th</sup> -**

Art Overcash will be here to teach all of us how to tie the "Humpy" dry fly. Art has been tying flies since he was a youngster and continues to teach fly tying to youth, seniors, and everyone in between.



Photo courtesy of Potomac Valley Fly Fishers



**April 2<sup>nd</sup> -**

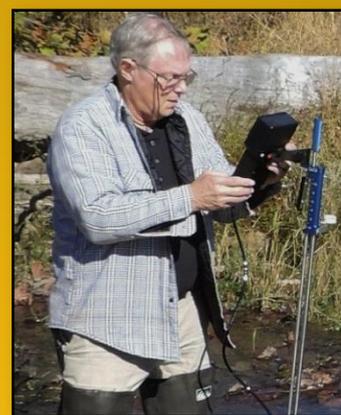
Nathaniel Hitt, PhD, research biologist for the US Geological Survey will be back! Than will talk about Brook Trout health and welfare in our region.

Photo courtesy of USGS

**May 7<sup>th</sup> -**

Wayne Webb (Director of the Lord Fairfax Soil and Water Conservation District, Retired water quality specialists for the USGS, and research manager for Friends of the Shenandoah) will talk about the bacteria levels in the Shenandoah River.

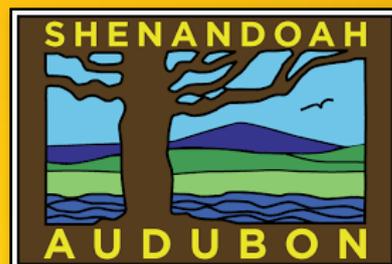
Photo courtesy of The Downstream Project



**June 4<sup>th</sup> -**

Mike Fies, wildlife biologist and Furbearer Project Leader with the Virginia Department of Game and Inland Fisheries, will be with us to talk about the role of the coyote in the ecology of Virginia. Mark calls coyotes "the most adaptable mammal in the world."

**October 1<sup>st</sup> -** Our annual joint meeting with the Northern Shenandoah Valley Audubon Society at Lord Fairfax Community College in Middletown is set for Oct. 1. The topic will be recycling.



**November 5<sup>th</sup> -** Tom McCabe will regale us with photos and stories about his fishing trip to South America.

**In Negotiations:**

**We are working on a dates for the following presentations**

- Novice fly anglers fish Wyoming
- An encore presentation of Lisa LaCivita's "Frederick County Frogs: What are they telling us and why should we care?"

If you have an idea for a Winchester TU meeting speaker, please let me know. We are always looking for great programs on topics of interest to the fly angler.



## Barbara's Books

Compiled by Barbara Gamble

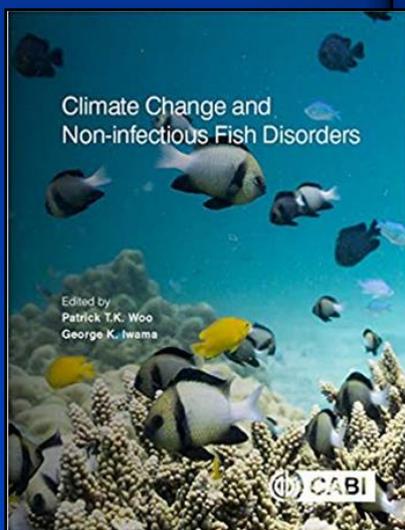
### Climate Change and Non-Infectious Fish Disorders

Editors: Patrick T.K. Woo & George K. Iwama  
 Hardcover: 296 pages  
 ISBN-10: 1786393980  
 ISBN-13: 978-1786393982  
 Publisher: CABI  
 Publication Date: January 9, 2020

Freshwater, brackish, and marine ecosystems are particularly impacted by the effects of climate change and global warming.

A global rise in water temperature and acidification of the aquatic environment will continue even if we can significantly reduce the current output of greenhouse gasses.

Increases in water temperature will affect the life cycle, physiology, behaviors, distribution, and community structure of aquatic organisms, especially fish.



This important new text on climate change and its effects on selected non-infectious disorders of fish, includes contributions by internationally recognized experts who have contributed significantly to our knowledge in this area. Comprehensive and thought provoking, the text details abiotic and biotic environmental changes associated with climate change and their effects on fish in tropical, subtropical, and temperate waters. It proceeds to cover in detail developmental, physiological, and metabolic disorders of fish.

Outlining both current and expected changes in aquaculture systems due to climate change, this contemporary text is key reading for biologists, aquatic ecologists, fish health consultants, veterinarians, policy makers, and all those involved in fish health and the environment.

Patrick T. K. Woo has been a faculty member at the University of Guelph (UoG) since 1974. He was also Director, Axelrod Institute of Ichthyology, and in 2005, UoG Senate elected him University Professor Emeritus.

He is editor-in-chief of a journal, member of three editorial boards; and has published 194 scientific papers, 19 reviews in conference proceedings, 15 book chapters, and eight books.

George K. Iwama began his academic career at the University of British Columbia (UBC) as an Assistant Professor (1987), Associate Professor (1991), and Professor (1996). He went on to serve the National Research Council of Canada as Director General of the Institute of Marine Biosciences in Halifax (2000).

He has published 141 papers, 45 conference proceedings and edited 2 books. He has applied the outcomes of this research to areas such as aquaculture and environmental issues.

Sources: amazon.com and the publishers

### Natural Rivals: John Muir, Gifford Pinchot, and the Creation of America's Public Lands

Author: John Clayton  
 Hardcover: 304 pages  
 ISBN-10: 1643130803  
 ISBN-13: 978-1643130804  
 Publisher: Pegasus Books  
 Publication Date: August 6, 2019 (1<sup>st</sup> ed.)

A dynamic examination that traces the lives of two of the most influential figures -- and their dueling approaches -- on America's natural landscape.

John Muir, the most famous naturalist in American history, protected Yosemite, co-founded the Sierra Club, and sometimes is called the Father of the National Parks. A poor immigrant, self-taught, individualistic, and skeptical of institutions, his idealistic belief in the spiritual benefits of holistic natural systems led him to a philosophy of preserving wilderness unimpaired.

Gifford Pinchot founded the U.S. Forest Service and advised his friend Theodore Roosevelt on environmental policy. Raised in wealth, educated in privilege, and interested in how institutions and community can overcome failures in individual virtue, Pinchot's pragmatic belief in professional management led him to a philosophy of sustainably conserving natural resources.

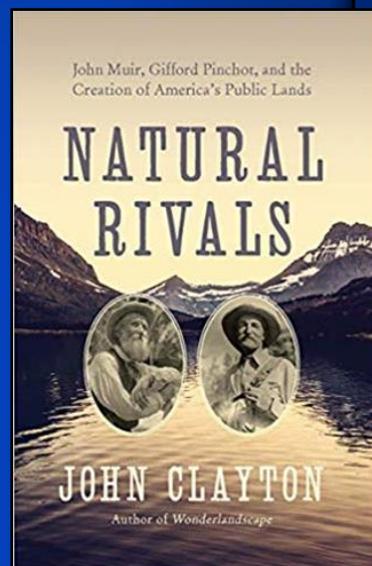
When these rivaling perspectives meet, what happens? For decades, the story of their relationship has been told as a split between the conservation and preservation philosophies, sparked by a proposal to dam a remote Yosemite Valley called Hetch Hetchy.

But a decade before that argument, Muir and Pinchot camped together alongside Montana's jewel-like Lake McDonald in, which was at the heart of a region not yet consecrated as Glacier National Park.

At stake in 1896 was the new idea that some landscapes should be collectively, permanently owned by a democratic government. Although many people today think of public lands as an American birthright, their very existence was then in doubt, and dependent on a merger of the talents of these men. **NATURAL RIVALS** examines a time of environmental threat and political dysfunction, not unlike our own, and reveals the complex dynamic that gave birth to America's rich public lands legacy.

"A crisply written double biography. Clayton paints vivid portraits of each, with Muir as the bedraggled backwoods explorer whose storytelling could charm the rich and powerful into supporting his causes, while practically minded New Yorker Pinchot peddled science and profitability to win political backing for his schemes. What makes their stories especially compelling is their preservation versus conservation debate, which still rages."

Sources: amazon.com and the publishers



# Virginia Trout Stream Study

by Stan Ikonen [stanikonen@gmail.com](mailto:stanikonen@gmail.com)

**WHO?** Winchester Trout Unlimited members (or friends and neighbors of members) needed to volunteer

**WHAT FOR?** To collect water samples from headwater trout streams as part of a University of Virginia project named: The Virginia Trout Stream Sensitivity Study (VTSSS)

**WHEN?** April 24, 25, and 26 with extensions through April 30

**WHERE?** Winchester Trout Unlimited has been assigned 19 collection sites in Rockingham and Shenandoah Counties

**WHY?** Dr. Rick Webb of UVA started the VTSSS in 1987, with subsequent water sample collections from hundreds of headwater trout streams in 2000 and 2010. The study is designed to track the effects of acid deposition in these trout streams. The data and results are used by federal and state managers in making decisions regarding the protection of trout habitat.

**INTERESTED?** Contact Stan Ikonen at [stanikonen@gmail.com](mailto:stanikonen@gmail.com) or 540-550-3555 for more info.

In preparation for the sampling event in April, scientists from UVA will be holding protocol training seminars at the Rapidan Trout Unlimited 32nd Annual Fishing Show in Warrenton on February 15, 2020. There will be two sessions held, one in the morning the other in the afternoon. **However, if you cannot attend I will be able to coach you on the sampling procedure.**

Bill Prokopchak and I participated in this study in 2010. Using maps, a GPS, and directions from landowners, we sampled about half a dozen sites. It was a fun adventure. I think we should have four teams of two to cover our 19 sites.

Stan

## Save the Sampling Date



### April 24-26, 2020

extended sampling window through Thursday, April 30

### Virginia Trout Stream Sensitivity Study (VTSSS) 2020

Through the combined effort of stream sampling volunteers from the Virginia Council of Trout Unlimited and scientists at the University of Virginia, the VTSSS 2020 will be the fourth regional 'decadal' survey (prior surveys in 1987, 2000, and 2010) of water quality for the majority (450 plus) of native Brook Trout streams in Virginia. These surveys are designed to track the effects of acid deposition and the data are used by state and federal managers and regulators to make informed resource management decisions to protect your cold water trout habitat.

Read more about the SWAS-VTSSS program:

<https://swas.evsc.virginia.edu/>

Learn about the legacy of acid rain from the 538 article:

<https://fivethirtyeight.com/features/acid-rains-dirty-legacy/>

If you are interested in signing up to sample for the VTSSS 2020 survey, hold tight! You will be getting updates from your Chapter Coordinators in the coming months. You can also check for updates on our [Facebook](#) page.

If you are interested in donating funds to the VTSSS 2020 survey, please go to the following website, <https://giving.as.virginia.edu/>. Donors can then use the "Give to" drop-down menu to select "Environmental Sciences Department" and in the notes field in a subsequent page, type "Trout Stream Sensitivity Survey."

## VTSSS 2020



# Winchester TU Monthly "BarFly" Event Wednesday, February 12<sup>th</sup> at 7:00 p.m. Escutcheon Brewery, Commercial St., Winchester

The brewery and tasting room are located at  
**142 W. Commercial St.  
Winchester, VA**



The Winchester Chapter of Trout Unlimited will be gathering at Escutcheon Brewing in Winchester to offer anglers and **non-anglers** in our area the opportunity to learn about Trout Unlimited and to tie some fishing flies.

We hope all of you can attend our monthly "BarFly" at Escutcheon Brewery.



No fly-tying or fly-fishing experience is necessary.

Please invite your friends. We hope to introduce more folks to the Winchester TU chapter and support a local business that supports WTU.



## Winchester TU Recycles Aluminum.

**Please bring your  
aluminum cans to any  
Winchester TU event.**

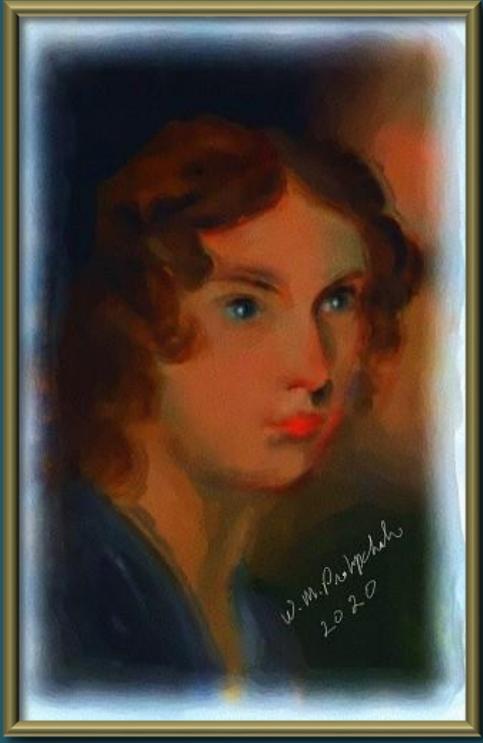


## Poet's Corner:

Poems selected for the angler

### In Memory of a Happy Day in February

By Anne Brontë  
1820-1849  
England



Anne Brontë  
Watercolor by  
Bill Prokopchak  
©2020

Blessed be Thou for all the joy  
My soul has felt today!  
O let its memory stay with me  
And never pass away!  
I was alone, for those I loved  
Were far away from me,  
The sun shone on the withered grass,  
The wind blew fresh and free.

Was it the smile of early spring  
That made my bosom glow?  
'Twas sweet, but neither sun nor wind  
Could raise my spirit so.

Was it some feeling of delight,  
All vague and undefined?  
No, 'twas a rapture deep and strong,  
Expanding in the mind!

Was it a sanguine view of life  
And all its transient bliss-  
A hope of bright prosperity?  
O no, it was not this!

It was a glimpse of truth divine  
Unto my spirit given  
Illumined by a ray of light  
That shone direct from heaven!

I felt there was a God on high  
By whom all things were made.  
I saw His wisdom and his power  
In all his works displayed.

But most throughout the moral world  
I saw his glory shine;  
I saw His wisdom infinite,  
His mercy all divine.

Deep secrets of his providence  
In darkness long concealed  
Were brought to my delighted eyes  
And graciously revealed.

But while I wondered and adored  
His wisdom so divine,  
I did not tremble at his power,  
I felt that God was mine.

I knew that my Redeemer lived,  
I did not fear to die;  
Full sure that I should rise again  
To immortality.

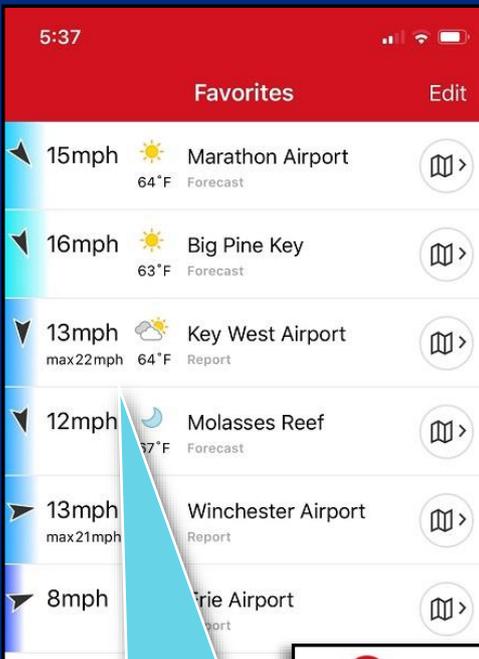
I longed to view that bliss divine  
Which eye hath never seen,  
To see the glories of his face  
Without the veil between.



## Tech on the Water:



## Windfinder App



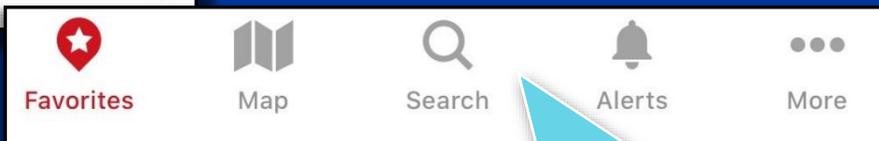
The "Windfinder" app (available for iPhone) may just be the 2020 app of the year for the fly angler! This app was designed for windsurfers and sailors, but it is an absolute must for the fly angler, too.

We have all been there. Stiff winds making for impossible casting on the day you drove for hours to your favorite spot. No matter what contortions you try, your casts just won't cut through the howling wind!

In fact, I used "Windfinder" just last week when winds were predicted for the very day that I wanted to be on the water. I considered postponing the trip until I consulted "Windfinder".

The weather apps that I consulted were vague about predicted wind speeds during the hours I wanted to fish. "Windfinder" came through for me and perfectly predicted the breezes falling off at my location about 10 a.m., making for easy fly casting and a grand day on the water.

-- Bill Prokopchak

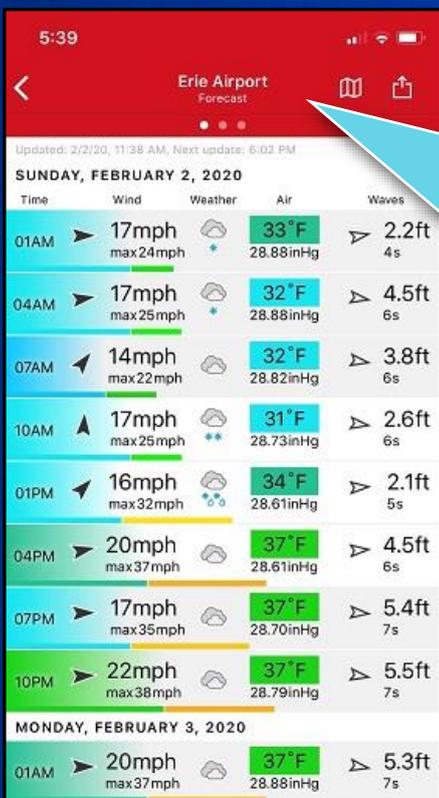


When you open the app for the first time, you see a list of locations near you. I was in Key West when I first opened the app and had wind data right at my fingertips.

As you can see, I added Winchester and Erie to my favorites.

A task bar along the bottom of each window in the app allows you to check your favorites, check the world wind map, and search.

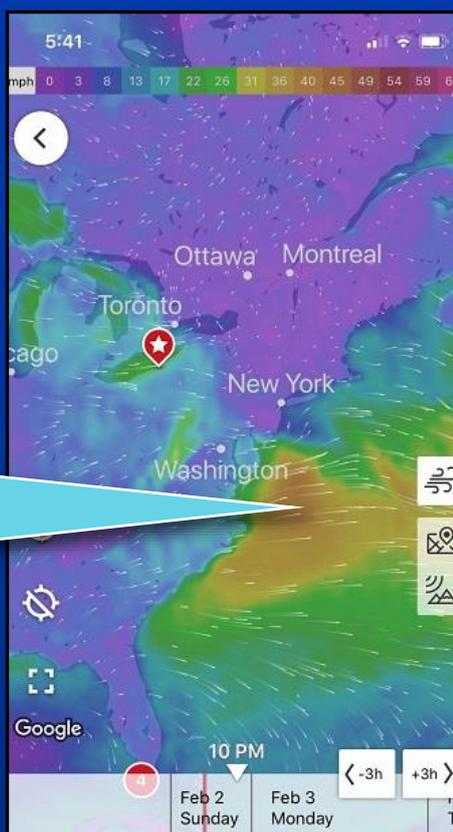
The search function is a bit limited, but that doesn't matter because the world-wide wind map gives you wind conditions across the whole globe.



When clicking on any location, you get the current wind conditions at that location.

You also get a 10-hour history of the wind, weather, temperature, and wave height.

By scrolling down on that same window, you get an 11-day wind forecast for that location.



Zoom in on the color-coded map and you can see the wind speed and direction.

Notice the wind-speed bar across the top of the window.

This window shows eastern North America and clearly shows the heavy winds off the U.S. east coast on February 2.

The bar across the bottom of the screen provides wind prediction several days in advance.



# 2020 Calendar of Events

## Winchester Trout Unlimited

By Fred Boyer

**See also**

<http://winchestertu.org/>

### February 2020

- ✓ Thursday 6 February 2020 -- 7:00p.m. -- Monthly TU meeting
- ✓ Saturday 8 February 2020 -- Redbud Run workday -- Time to be announce by Bud
- ✓ Wednesday 12 February 2020 --7:00 p.m. - BarFly at Escutcheon Brewery

### March 2020

- ✓ Thursday 5 March 2020 -- 7:00p.m. -- Monthly TU meeting  
Our featured speaker will be Art Overcash who will teach us how to tie the "Humpy" dry fly.
- ✓ Saturday 7 March 2020 -- Redbud Run workday -- Time to be announced at a later date
- ✓ Wednesday 11 March 2020 --7:00 p.m. - BarFly at Escutcheon Brewery

### April 2020

- ✓ Thursday 2 April 2020 -- 7:00p.m. -- Monthly TU meeting  
Our featured speaker will be Than Hitt on Brook Trout health.
- ✓ Saturday 4 April 2020 -- Redbud Run workday -- Time to be announced at a later date
- ✓ 6-10 April 2020 -- Spring Steelhead Weed -- Fred is coordinating
- ✓ Wednesday 8 April 2020 --7:00 p.m. - BarFly at Escutcheon Brewery

### May 2020

- ✓ Date to be determined May 2020 -- 7:00p.m. -- Brookie release days
- ✓ Thursday 7 May 2020 -- 7:00p.m. -- Monthly TU meeting  
Our featured speaker will be Wayne Webb who will discuss bacteria in the Shenandoah River.
- ✓ Saturday 9 May 2020 -- Redbud Run workday -- Time to be announced at a later date
- ✓ Wednesday 13 May 2020 --7:00 p.m. - BarFly at Escutcheon Brewery

### June 2020

- ✓ Thursday 4 June 2020 -- 7:00p.m. -- Monthly TU meeting  
Mike Fies of DGIF will talk about the coyotes in Virginia and the Shenandoah National Park
- ✓ Saturday 6 June 2020 -- Redbud Run workday -- Time to be announced at a later date
- ✓ Wednesday 10 June 2020 --7:00 p.m. - BarFly at Escutcheon Brewery

### November 2020

- ✓ Thursday 5 November 2020 -- 7:00p.m. -- Monthly TU meeting  
Tom McCabe will regale us with stories about fishing in South America.
- ✓ Saturday 7 November 2020 -- Redbud Run workday -- Time to be announced at a later date
- ✓ Wednesday 11 November --7:00 p.m. - BarFly at Escutcheon Brewery
- ✓ 8 to 14 November 2020 -- Winchester TU Steelhead Week

### December 2020

- ✓ December 2020 -- No monthly meeting in December
- ✓ Saturday 5 December 2020 -- Redbud Run workday -- Time to be announced at a later date
- ✓ Wednesday 9 December --7:00 p.m. - BarFly at Escutcheon Brewery
- ✓ December 2020 -- Winchester TU Holiday Party and Fundraiser -- Date to be announced at a later time



The opinions expressed in *Lateral Lines* are those of the individual authors and are not necessarily those of Winchester Trout Unlimited or Trout Unlimited National.

All water sports, including fishing, and stream restoration activities have inherent dangers. Participation in all Winchester Trout Unlimited activities is at the participant's own risk and participants agree to hold harmless Winchester Trout Unlimited and its members. A responsible adult must accompany all minors.

