



Guadalupe River Chapter of Trout Unlimited

Newsletter



No. 95 January 2011

Publication Data on Pg. 16

GRTU Meeting

Saturday, January 22nd

Canyon Lake CRRC
South Access Road
Sattler, TX
Directions on page 4

9 AM - Lease Access
Orientation & Social Hour
10 AM - Business Mtg

11 AM - Mark Sedotti, "Ty-
ing and Using Fishing Living
Streamers"

12 - Raffle & Lunch
12:30 PM - Lease Access
Orientation
1 PM GRTU Board Meeting

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Long Distance Caster and Streamer Expert Mark Sedotti is GRTU's January Speaker

Our January general meeting is scheduled for Saturday January 22nd at the Canyon Lake Community Resource Recreation Center (CRRC) on the South Access Road in Sattler. There will be a social hour and Lease Orientation class at 9 AM, with the general meeting beginning at 10. See the map for directions to CRRC.

January is a month where our thoughts turn to new beginnings. It is a time of reassessment and renewal, and for some, maybe even a resolution or two. Just as rivers (and TU chapters!) are continually changing, our skills

and knowledge as anglers should continue to grow. Indeed one of the attractions of fishing is that there is forever something new to learn.

Most of the fishing in our tailwater tends to be with nymphs, with some occasional dry fly action of late. But what about streamers? How many of us consider ourselves proficient with their use?

This month we have invited Mark Sedotti all the way from New York to present his talk on using and tying "living streamers"; the "new" baitfish imitations that



January Speaker Mark Sedotti with giant lake-run brown trout, caught on a "living streamer."

have “built-in” actions which trigger aggressive strikes from large trout, featured in front page article of Spring edition *Fly Rod & Reel*.

Mark Sedotti was fly casting columnist for *Saltwater Fly Fishing Magazine* and has written many articles for various fly fishing and sporting magazines on both fresh and saltwater fishing, as well as on fly tying. He has a passion for chasing very large trout with streamers, which he has done all over North America.

For years, Mark performed fly casting demonstrations, presentations on streamer fishing, and on saltwater fly fishing at fly fishing shows and for sportsmen’s clubs across the U.S. He’s also an accomplished tier, and one of the finest fly casters in America. Known for casting giant 10 - 22 inch streamers unbelievable distances, his longest cast with a 10 inch fly is 183 1/2 feet.

While you may not ever throw a streamer that large, the techniques that Mark will demonstrate will help you cast and fish streamers for trout and for other species you may chase. We will try to have Mark demonstrate his “Sayonara Sling” cast, which Mark promises will be eye-popping!

Finally - we need your help! Our TroutFest committee has invested many hours in planning to create the premier outdoor event in central Texas, an event to remember this winter. There is a need for many volunteers for this to be a successful event, and time is running short. If you would be willing to help, please email me at president@GRTU.org.

I hope to see you at the meeting and on the river!

- Mark Dillow

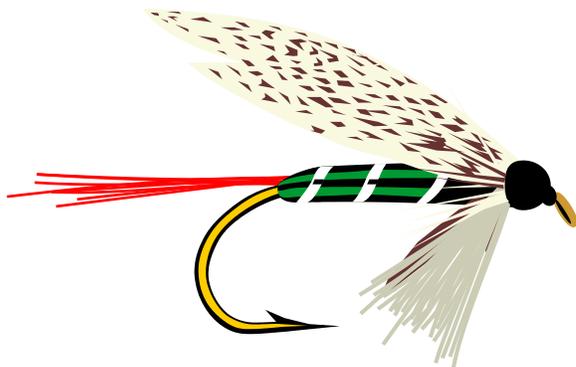
2010/2011 Raffles

Over the years, we have raffled off rods, reels, waders, kayaks, rafts, guided trips and just about anything else a flyfisher might desire. The purpose of these raffles is to raise funds to defray the cost of our chapter meetings — site rental, speaker fees and travel expenses, and related expenses.

According to the Texas Secretary of State, GRTU, as a 501 (c) 3 non-profit organization, is allowed only two raffles a year. Since we held raffle drawings at our January and April meetings, we did not hold one at the October meeting, but we sold tickets for the raffle drawings in January and April of 2011. Since you don’t have to be present to win, get your tickets early for these valuable items.

Our January raffle will focus on fly tying, with a nice Oasis fly tying desk and a Renzetti Traveler vise. Thanks to Sportman’s Finest in Austin for providing this great combo. For those just getting into fly tying or someone wanting to upgrade his or her tying tools, this is a great place to start.

In our April meeting we will draw the winning ticket for a Temple Fork Outfitters fly rod, courtesy of Gruene Outfitters in Gruene. The rod is an Axiom 6 weight. The Axioms are TFO’s premium rods, designed to throw smooth, powerful casts that produce high line speed and tight loops. It may not turn you into a tournament caster like Mark Sedotti, but it won’t hurt.



Directions to the Canyon Lake CRRC Recreation Center

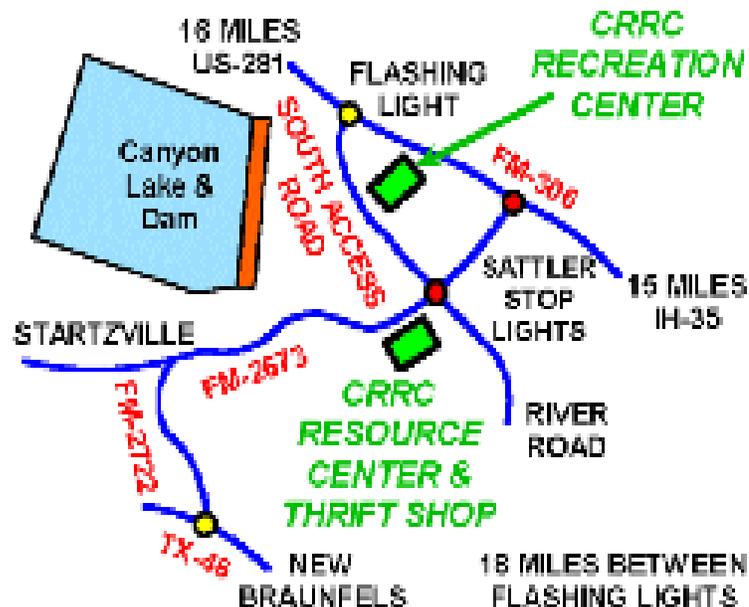
>From NORTH or SOUTH: Just North of New Braunfels on I-35 take Exit 191, (Canyon Lake Exit), which is FM 306 and go WEST, about 14 miles to Sattler (Canyon Lake area). Go past the traffic light at FM 2673 in Sattler for about 2 miles, (through Canyon City) and turn Left at the blinking caution light and small road sign marking the South Access Rd. Follow the South Access Road for about two miles, passing below the dam and across the spillway. The Recreation Center will be on your left.

>From the WEST: From US 281, turn EAST on FM 306, which is between Twin Sisters and Spring Branch. Drive about 16 miles to the blinking caution light (just before you enter the area called Canyon City). Turn Right on South Access and follow the directions above to the Recreation Center, which will be on your left.

>From the EAST: From I-10, take SH 46 to I-35. Go North on I-35 to Exit 191 (Canyon Lake Exit), which is FM-306. Go west, (Left), on FM306, and follow the directions for North and South above.

Of course there are other routes, just check your Texas map for other ways that might be better for your travel, or check our link to an online map at www.grtu.org.

Map of GRTU Meeting Area



Troutfest Update

Our fourth annual GRTU TroutFest is almost upon us. [See ad on following page.] We only have about 100 tickets to the Banquet remaining. The sponsors, donors and exhibitors for the EXPO are filling quite nicely. Our booth sales for Saturday and Sunday plus our educational events, kids fun events and our exhibitors are signing up and paying for their space. This group will make for a great EXPO week-end of February 18, 19 & 20 on the Guadalupe River. The event will occur during some of the best trout fishing time of the entire year. Hunting season is over, football is over and it's a bit early for spring training or baseball, so it must be time to fish! We look forward to your continued support of our new famed Troutfest weekend.

Carter Smith, Executive Director of Texas Parks and Wildlife will be our featured speaker at the Banquet on Friday evening at Rio Raft, on the Guadalupe River in Sattler. You can visit www.grtutroutfest.org for a complete understanding, purchase tickets and buy a cap, t-shirt or pin for this most prestigious event and the first of its kind for GRTU. We are expecting excellent representation from TU National to be in attendance for our weekend event. Additionally, Dave and Emily Whitlock, Ed Engle and Tyler Befus each

celebrated fly fishing gurus will be in attendance for the entire weekend. Their art, their lore, their flies and their books will be on hand during the EXPO for all in attendance to enjoy.

Some have asked about receiving their purchased ticket, pin, cap or t-shirt. All materials will be handed out at the door upon arrival. Each person having purchased a ticket will have a registration packet available at the door. It will include any purchase made and a program, a name tag and a favor to commemorate the event.

Please be reminded this is a fund raising event for GRTU enabling our chapter to be good stewards of the many cold water conservation projects underway and to provide improvements to our treasured Guadalupe River. The only funds raised will be from ticket sales and the auction (silent, live and raffle) during the Friday night Banquet event. Saturday and Sunday will be open to the public and free of charge. Vendors will be on site during the weekend and food will be available by outside sources. GRTU is charging for booth space on Saturday and Sunday and we are taking donations from Sponsors and Donors of items to be used in the auctions on Friday evening. Please help us make this a profitable event so our Chapter can give back to its conservation agenda.

Please contact Phil Dopson if there are any questions at 512-413-3301 or phil@phildopson.com



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FLY FISHING EXPO & BANQUET

Banquet Featured Guest Speaker

BANQUET

Friday
February
18th



Carter Smith

Exec. Director of Texas Parks & Wildlife

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Expo Celebrity Guests



Tyler Befus



Dave & Emily Whitlock



Ed Engle

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EXPO Dates
Sat. Feb. 19th
Sun. Feb. 20th

Vendors - food, crafts, clothing, wood works, metal sculpture and more!

Artists - original pieces

Authors - book signings

Exhibitors - Simms, TFO, Sage, Kayak/Rafts

Lecturers - Entomology, Fly Casting, reading the water, aquatic classes

Fly Tiers - live demonstrations and tying instructors

...and much more!



Like us on facebook: [GRTU TROUTFEST 2011](https://www.facebook.com/GRTU.TROUTFEST.2011)



Fisheries Report by Jimbo Roberts

The beginning of fall means different things to different people. For many Texas outdoorsmen it means the beginning of hunting season. Dove, duck, quail, and “the biggie” deer season draw most into the outdoors to reconnect with the natural world.

For me the biggest draw of the change in seasons is the return of the hatchery trucks to Sattler. In preparation for it’s arrival Ed Niehaus and myself ran the leases to check on parking areas, signage, and change all the lock combos. I took some photos of the new lease access site down at Bezdek’s and updated the Lease Access Sites sticky on our chapters website (www.grtu.org/forums) to reflect the changes, dropping Lone Star Float House and adding Bezdek’s to our 17 lease access sites.

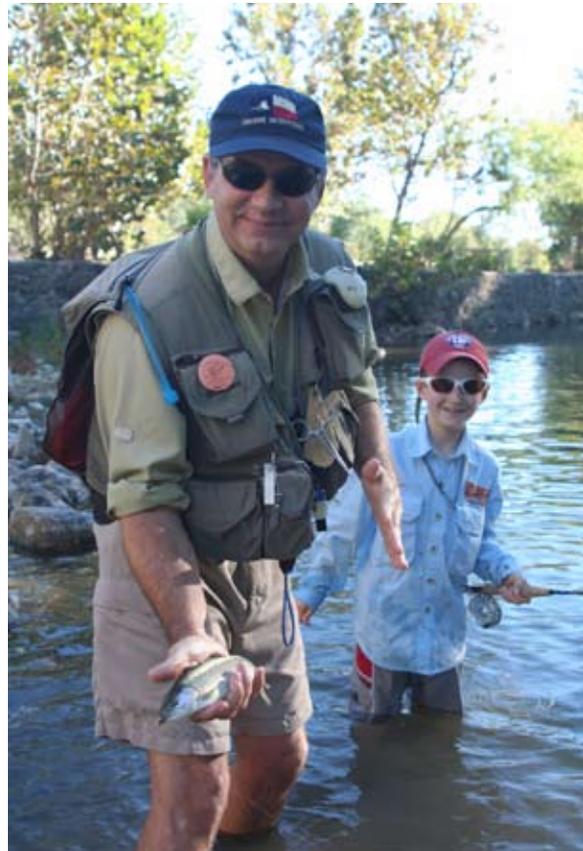
This year the truck from Crystal Lake Hatchery arrived for the first time December 19, 2010. Its cargo, 4000 pounds of large rainbow trout. And when I say large, this load of 4000 pounds was made up with only 1780 Trout, that’s an average of 2.247 lbs per fish. Yeah, Baby!

That Friday morning was typical Texas -- cold enough for the dew to freeze on the grass at Maricopa our first stocking point and hot enough at noon for our members to strip off their jackets as we dropped the last of the rainbows in the river at Rainbow Camp. As is normal we concentrated our efforts of this first stocking on the leases in the upper portion of the river to take advantage of the coldest waters this time of year. The fish were a bit stressed from their trip as evidenced by their darker color as they entered the river, but considering that most were in spawning mode this is not unexpected.

Most years the first week after stocking is full of stories of big numbers of trout caught. Seems they will usually attack just about any fly or presentation technique that anglers wish to use.

This year has been atypical in that this first load of trout seemed to have already received their advanced degree in flyfishing techniques, making the catching challenging. The forums have been busy with our anglers discussing the difficulty of catching these beauties. Much has been discussed about presentations and flies making for a very enlightening treatise of anglers and their techniques used.

It seems the magic ingredient for most the successful flyfishermen has been an early arrival accompanied with the use of attractor flies. As the fish have settled into the river they have become more attuned to the forage that is available, the more standard double nymph rigs with mid-sized beadheads and smaller mayfly and midge patterns have again become effective.



Jimbo Roberts displays a nice trout caught by Tyler Befus. Jimbo has been our interim VP of Fisheries while Tyler, shown here in 2006, will rejoin us in February as one of our featured Troutfest speakers.

Right now the river is flowing at 110cfs. It is expected to remain at these flows for the foreseeable future. We do need rain in the upper Guadalupe Basin to help with the flows and the lake level. We are lucky that the lake has remained as high as it has being 908.18' msl as of today. So all we need is a good rain in the upper basin to push the lake over the critical 909' msl level to get sustained summer flows this coming summer. I would ask that in your prayers you might mention the need for rain in Central Texas.

One other thing to keep in mind is that the work on the gates in the dam has not yet begun. When the work is started, on the days they will be working in the dam, the releases will be cut to zero during the day and then pushed back up after their work is completed. We are expecting anywhere from three to five such days of zero releases. These days will be scattered out over several weeks, we should not see back to back days of zero releases unless they run into trouble removing or installing the hydraulic rams for the gates. We will try and post these work days on the home

page or in the forums of our chapter's website if GBRA gives us enough notice. This should not impact the health of the Trout already in the river during and after this work period.

We are planning on at least two more stockings this year. That together with TPWD's own stockings and the excellent holdover from last year means that the population of Rainbows available in the river is the best it's been in many years. Give yourself an early holiday season's gift and plan a trip down here and experience the Guadalupe's trout fishing.

The Guadalupe River Chapter of Trout Unlimited

Honorary Life Members

The following distinguished members of GRTU have been designated, some posthumously, as Honorary Life Members of the Chapter for their exceptional contributions to our work. This honor is reserved for commendatory recognition of individuals whose personal service contributions to the Chapter are deemed to have had outstanding impact in advancing Chapter and TU objectives.

Clement W Bird

Alan Bray

Bill Cobb

Dick Finta

Rupert Gresham

Howard Itten

William A. (Bill) Johnson

James W Keeton

Mick McCorcle

Bob Newman

Chad Oliver

Irving O'Neal

William C. (Bill) Pabst

J. Bill Parvin

Basden L. (Bud) Priddy, MD

Glenn Richardson

Jeff Schmitt

David Schroeder

Mrs. Hazel Schubauer

Lt. Col. Paul A. Schubauer (Ret.)

Betsy Story

Bob Story

Marian Tilson

Billy Trimble

R.E. (Bob) Tuttle

Jim Vynalek

William G. (Bill) West

T.B. (Tom) Whitehouse

Grassroots Trustee Letter By Mick McCorcle

Some of you may know me as a former GRTU President, others as the current GRTU Newsletter Editor. I write today as a Grassroots Trustee and member of Trout Unlimited's national Board of Trustees. In my role as a Trustee, I serve as a liaison between TU and the chapters and councils of this region of the country. It is my responsibility to do what I can to promote the health and well-being of those chapters and councils.

Fortunately, GRTU was a healthy TU chapter when I joined it back in 1997 and has grown in size, impact and vitality over the intervening years. One of the key reasons for that growth is the success of our Lease Access trout stocking and fishing program. Another is the

continuing efforts of a strong group of chapter volunteers, willing to help with everything from running our chapter store to river cleanups to restoring the aquatic habitat of the Guadalupe River.

We lost one of those key volunteers in December with the untimely death of Bill Higdon, our chapter president. It is a loss both to our chapter and to Bill's many friends and family members across the Hill Country, Texas, and the U.S. We will miss him.

Knowing he was in ill health, Bill and the chapter's directors and officers began to plan for his succession months ago. Our chapter's by-laws state that when the President is unable to perform his job or the office is vacated for any reason, the Vice President of Chapter Affairs will assume the duties of President. As many of you know, Mark Dillow has been doing a great job in that role and was

already performing many of Bill's duties during his numerous hospital stays. Mark had also agreed to have his name placed in nomination as the next President when Bill's term ends in April, so his good work and leadership may continue into the future.

Mark Dillow has been an active chapter and lease member for several years. When he can find the time away from his job as an Enterprise Customer Quality Manager at Dell, he is often found on the river fishing the leases or perusing our chapter's website forums, offering tips and helpful advice to newcomers to our chapter and lease program. Mark has taken his job as VP of Chapter Affairs quite seriously and promises to be an outstanding President.

These and other recent changes leave several of the chapter's officer and director positions open, so if you have any interest in serving GRTU as one of its leaders, please contact Mark at President@grtu.org.



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In-Memory of GRTU President Bill Higdon

By
Mick McCorcle

Sadly, we lost a key member of our core group of volunteers this past month when our GRTU President, Bill Higdon, passed away. In addition to serving as our Chapter President for the past 20 months, he had been our Vice President of Fisheries for almost six years. During that time, the river has weathered floods and droughts and everything in between, but our trout stocking and fishing program has remained vital, earning the Guadalupe recognition as one of the top 100 trout streams in America, being featured in magazine articles and book chapters, and even a starring role on the Trout Unlimited TV program "On the Rise."

Bill Higdon was one of those guys who could brighten a room (or a drift boat) by entering it. He always seemed to have a smile on his face and it wasn't long before those around him were smiling or laughing at something Bill said. His dry wit was often on display, especially when there was tension in the air or some conflict needed to be resolved. He had a wide variety of friends, from many different walks of life and social stations, from Harley bikers to local ranchers to environmental conservationists.

Bill's love of the Guadalupe River was also easily and proudly displayed. A Tennessee native, he and his family resettled to Texas and Bill was one of the early employees at Dell Computer,

but his love was the Texas Hill Country's rivers, and especially the Guadalupe. Upon taking an early retirement from Dell, Bill decided to do what he loved best and became a full time resident and fishing guide on the river.

When Bill was sidetracked by a heart attack and stroke in late 2006, his good humor and love of the river were not dampened. A man of faith, Bill maintained hope and optimism about his condition. Though robbed of function on much of his right side, Bill persisted in his desire to return to guiding. When I called him one day and asked how he was doing, he said "I'm still rowing in circles, but beginning to row straighter every day." He did return to guiding, and to driving

his big black king cab pickup along River Road, from which he'd often yell encouragement or some smart remark like "Get a real job" to his fellow guides on the river.

From his home just downstream from Little Ponderosa bridge, Bill kept a close eye on his river and those who fished and floated it. It was only fitting that, as his life ended, Bill's sons Chad and Todd once again took up the oars of his raft, rowed to the middle of the river, and deposited his ashes. And chapter member and friend Karen Gebhardt is sure that Bill is still there, helping those who fish the pool behind his house. She said he put a 19" trout on the end of her line just last week.



Photo courtesy of John Ross

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Native Trout Returning to Texas? Our New Year's Wish for 2011

The most dedicated Texas trout fishers and coldwater conservationists among you may know that there are, in fact, wild trout in Texas. These rainbow trout reside in McKittrick Creek in the Guadalupe Mountains National Park in far West Texas. But did you know that Texas was quite possibly once home to *native* wild trout?

Two decades ago, Texas Parks and Wildlife fisheries biologist Dr. Gary Garrett and one of his colleagues at Heart of the Hills Research Station in Ingram published an article in *The Texas Journal of Science* citing strong anecdotal, historical evidence that Texas was once home to Rio Grande Cutthroat Trout (RGCT). They were probably found in McKittrick Creek and in Limpia Creek in the Davis Mountains. In the early 1900s, a load of rainbows was dumped in the creek and are thought to have out-competed the cutthroats,

leading to their demise.

Now momentum is developing to determine whether it might be possible to return the native cutthroats to Texas. Next month representatives of TPWD, GRTU, TU National and the National Park Service are planning a field trip to explore the possibility of re-introducing the RGCT to Texas waters. Dr. Garrett will help lead our expedition and other TPWD biologists and team leaders will attend and provide ground transportation for the team. Participating from TU are CEO Chris Wood and TU's Senior Scientist Dr. Jack Williams, a longtime colleague of Dr. Garrett. GRTU past presidents Alan Bray, Jeff Schmitt and Mick McCorcle plan to join the team, as will Shannon Drawe, a Denton-based professional photographer, who will capture images of the trip.

It's too early to tell what might come of this trip, but we should have some preliminary findings in time for TroutFest and plan a full trip report for the spring chapter meeting on April 23rd.

We are in our 10th year serving
Hill Country fly tiers and fly fishermen

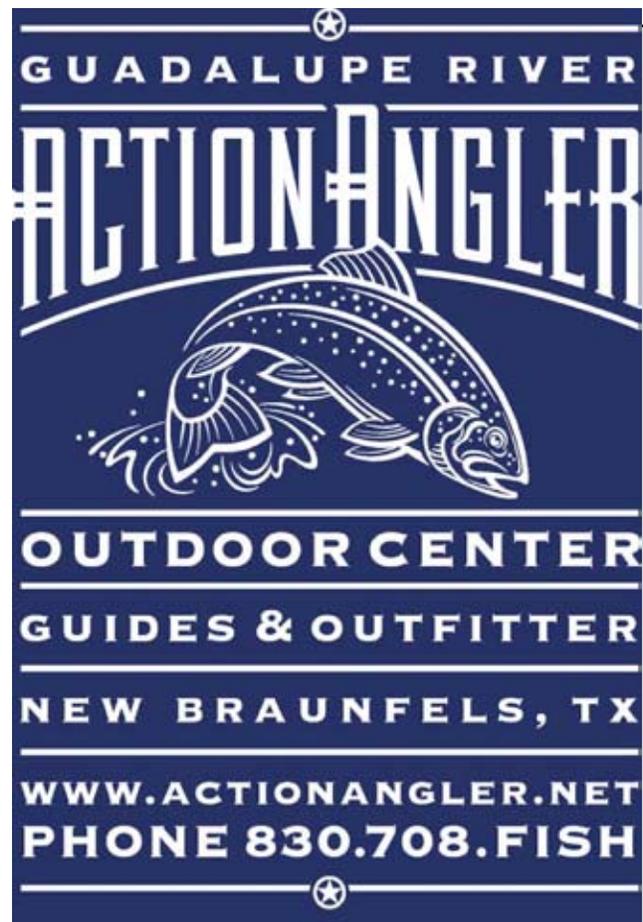
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GRTU Membership Reminder

Our GRTU 2010-2011 Lease Access Program provides many access points on the river and is effective November 1st 2010 through October 31, 2011. Several of these access points are annual, meaning you have fishing access to the river year round. Members can sign up their children (ages 10-17) at no additional cost. We stock the river in the fall with trout and continue to stock the river over the year. As a Lease Access Member, you will be notified via e-mail when the stockings take place. Additionally, you will have access to our private online "Forum" where you can ask questions and get answers.

To join go to: www.grtu.org and click on Membership. All Lease Access Members are required to complete the online orientation covering do's and don'ts. Please also renew your

National TU Membership on our www.grtu.org website. Our site accepts credit cards. If you have questions click on CONTACTS and e-mail or call your Area Representative.

- Our mission: Conserve, Protect and Restore coldwater trout fisheries
- Three General Meetings per year
- Hands-on trout stocking
- River conservation projects
- Community education programs that include women and children
- Work with local and state governments on environmental and conservation issues

Check out our website for further information: www.grtu.org



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Flow Committee Reports Results of Flow Modification Tests

By

David Schroeder

Last summer, GRTU purchased seven real-time water temperature monitors to gain a more detailed insight of Guadalupe water temperature in the lower half of the trout fishery and to study how flow modification affects water temperature at these locations. The goal for flow modifications is to determine if there could be reductions in flow, yet sustain a viable trout fishery throughout the summer. A lot of temperature data has been collected over the past 12 years, but there has been very little data when flows are between 130 and 190 cubic feet per second (cfs) since releases in that range seldom occur. GRTU takes seriously its responsibilities to protect the trout fishery under the current Flow Agreement with the Guadalupe Blanco River Authority (GBRA), so we purchased the water temperature monitors so we could track what was happening in the river and abort the flow modification tests, if needed, before major damage was done to the trout fishery.

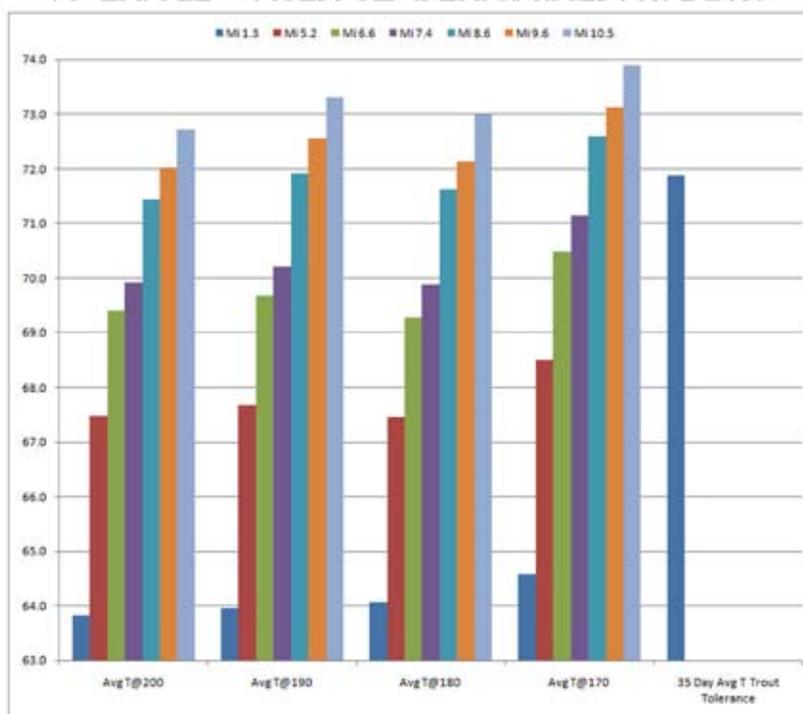
In late July, GRTU and Texas Parks and Wildlife (TPWD) deployed the monitor stations along the river. We had one upstream monitor near the dam to give us a baseline reading of water temperatures near the dam.

We installed the other stations at every mile from Mile 5 through Mile 10 downstream of Canyon Dam. This was to ensure that we were getting detailed information about how fast the water was warming as it flowed downstream. Phil Dopson worked with GBRA and TPWD to get modifications in the Flow Agreement so that we could have about a week of reduced flows at 190, 180 and 170 cfs each. Although a week's worth of data is not a lot, it could give us a strong indication about how flow changes impact water temperature during the hottest part of the summer.

First, we needed a baseline of water temperature data for the new stations at 200 cfs as specified by the Flow Agreement. We had normal rainfall during the spring and summer, and flood

releases were above 200 cfs for almost the entire summer. The Lake did not fall below the Flood Control Pool until early August. We began collecting good temperature data at 200 cfs starting August 12. On August 15th, we began the first flow modification to 190 cfs. We allowed 24 hours for water temperature to stabilize after the gate change and we collected five days of data for each test. Flows reverted back to 200 cfs each weekend for the water recreationists. We repeated the same pattern at 180 cfs on August 22nd, and 170 cfs on August 30th. We wanted to collect data during the time of year when the trout fishery is under the most stress from warmer water: late July through August. We wanted to complete the tests before September since sun angles are lower and the water does not warm up as fast,

AVERAGE WATER TEMPERATURES AUG 2010



making it a bad representation for the model.

The water temperature data were analyzed and compared to a model derived by the Departments of Natural Resources (DNR) of the States of Michigan and Wisconsin that predicts the sustainability of trout in warm water habitats. We wanted to represent Guadalupe's water temperature in a scientifically objective way. The Michigan and Wisconsin study encompassed hundreds of streams over several years. They closely monitored water temperature and correlated it to trout populations. The model they derived predicts that within certain limits of water temperature, the probability of trout surviving is at least 95%. The Michigan/Wisconsin DNR study determined that there were two water

temperature factors that predicted sustainability: *Average* daily water temperature; and average *Maximum* water temperature. These two factors were used as a standard for making a determination if the Guadalupe water temperatures could support trout.

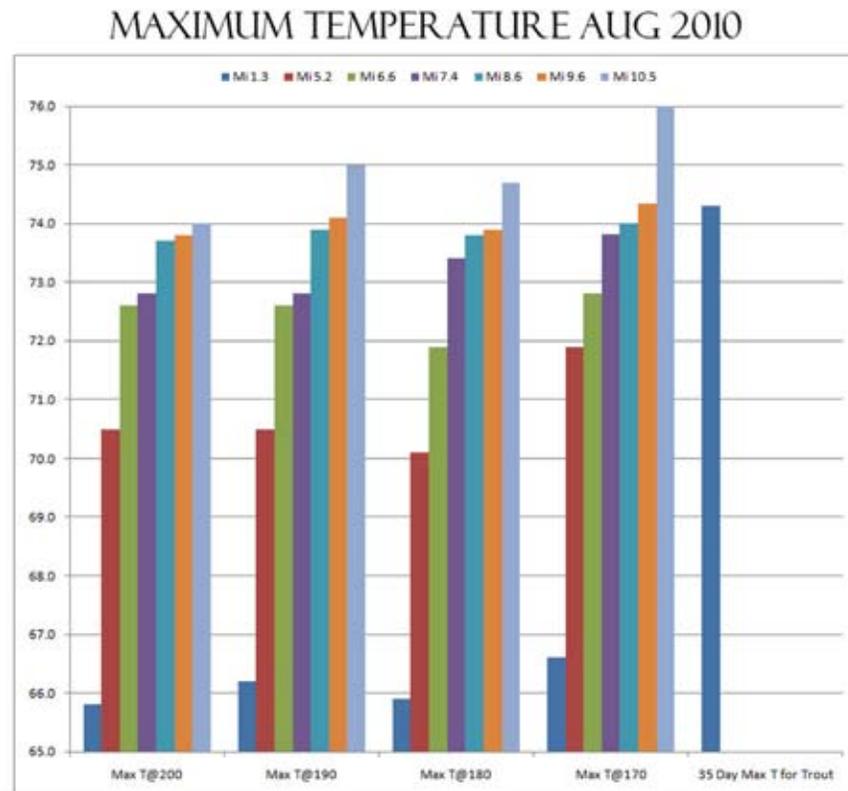
The charts may be hard to read because of their rendering in black in white, but each bar represents a temperature monitor station along the river showing the average and maximum water temperatures for each release regime. The single "35 Day" bar on the right side is the DNR water temperature standard for trout tolerance for a 35 day period- which is probably similar to the warmest period on the Guadalupe. Any bars that are shorter than the "35 Day" bar

indicates at least a 95% probability of a good temperature for trout to survive.

Comparing the average and maximum temperatures to the DNR Standard there is at least a 95% probability of trout surviving to mile 9.6 at 200 cfs under the Flow Agreement. Mile 10.5 appears to be slightly outside the temperature tolerance for average temperature for long-term sustainability- I would call conditions at Mile 10.5 marginal depending where the trout could find refuge. Our monitors are not in the deepest, coolest part of the river.

Comparing the lower release rates to the DNR Standard for *Maximum* temperature, it appears that all stations, other than the one at Mile 10.5, could sustain a trout fishery at all release rates. However, the DNR Standard for *Average* temperature exceeded limits at all release rates for the monitor at Mile 9.6. At 170 cfs, the tolerance limit was exceeded at Mile 8.6.

Average temperature seems to be the limiting factor in 2010. The outflow temperature at Canyon Dam warmed one degree during these tests. This reflects a slow but steady trend for the outflow to warm over the course of the summer. The coldest water in Canyon is at the bottom of the lake and it is released first. There is a finite volume of this winter-chilled pool that begins to disappear in March. This phenomenon is very consistent year after year, but each year has



varying volumes of water that are released in response to flooding, etc. It is possible that one or two degrees colder outflow in August could enable the trout fishery to have good water temperature down to Mile 10.5. So the area between Mile 8.6 and 10.5 is a gray area that may be slightly more or less accommodating each year. For reference, the 3rd Crossing is at Mile 10.3

Surprisingly, the lower release rates contributed to higher minimum temperatures that elevated the average temperature more than the maximum temperature. The dynamics of the Guadalupe are that the water is colder earlier in the summer, but the lower sun

angles begin to have an impact in late August by keeping the sun off the water longer. Just as the colder water begins to be exhausted, the structure of the land around the river blocks a lot more sun off the water.

And to backup what the data are telling us, there were many reports of good trout fishing throughout the summer. TPWD also confirmed the presence of trout through their surveys. There were reports of dead trout below Mile 11 in the middle of August, and that is not surprising since that had water temperatures that exceeded the DNR standards.

The preliminary conclusion of the tests seems to suggest that some

flow reductions could be implemented and the trout fishery could indeed survive. A mile or two of trout-habitable river could be lost with the lower flow rates. One of the advantages of real-time monitoring of the river comes from fine control of outflow. Cloudy weather conditions do a great job of blocking sunlight off the water, and the river doesn't warm nearly as much. May and June are cloudy months, so conserving water when it is not needed may keep a little more of the finite winter-chilled pool in Canyon Lake. With the conservation of water, it may be possible to extend the Flow Agreement past the 2018 expiration.

The Guadalupe Chapter of Trout Unlimited

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In Memoriam

Bill Higdon

(1950-2010)

Fly Fisher, Guide, Conservationist, Leader, GRTU President

A friend to all those he met.

A great teacher and sharer of his love for nature and fly fishing.

A tireless advocate for his beloved Guadalupe River and its trout.

We are all better for having known him.

**Guadalupe River Chapter
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