



Current Events



The Newsletter of the Arkansas Stream Team

Volume 17, Number 4

July – September 2013

**News from Region IV
(Ouachita Mountains and Arkansas River Valley)
Stream Team Coordinator, Matthew Irvin...**

**News from Region I
(Ozark Highlands and Boston Mountains)
Stream Team Coordinator, Dave Evans...**

The last three months have been fairly dry up here in the Ozarks. Looking back my records I see that the only above average rainfall month was August, which was about 1.5 inches over the average. However, when you add in July and September our rainfall total for the three months was 1.5 inches below normal. September was the worst of the three months with less than one inch falling here and the average being almost 3.2 inches. Sure do hope the jet stream changes course so we can get some more moisture up here, we don't need yet another dry winter.

This last quarter of the year was spent working on three different stabilization projects spread out across the Ozarks. One was in Marion County on Crooked Creek, the second was on Dry Creek in Searcy County and the third was on Kings River in Carroll County.

The Crooked Creek project, which is not quite completed yet. Involved the installation of two rock vanes, several locked logs and a cedar revetment. This was one of the first Stream Team stabilization projects in the Ozarks when it was originally installed about 15 years ago. The eroding bank is about 740 feet long and 14 feet high. It is located near Yellville about half way between the Fred Berry Educational Center and the Yellville City Park.

The second project is on Dry Creek, which is a tributary of the Buffalo River near Gilbert. This project involved the installation of about 835 feet of LFSTP (a fancy pile of rocks at the base of the bank). This creek is dry most of the time, however when it rains the eroding banks send significant amounts of sediment down into the Buffalo River.

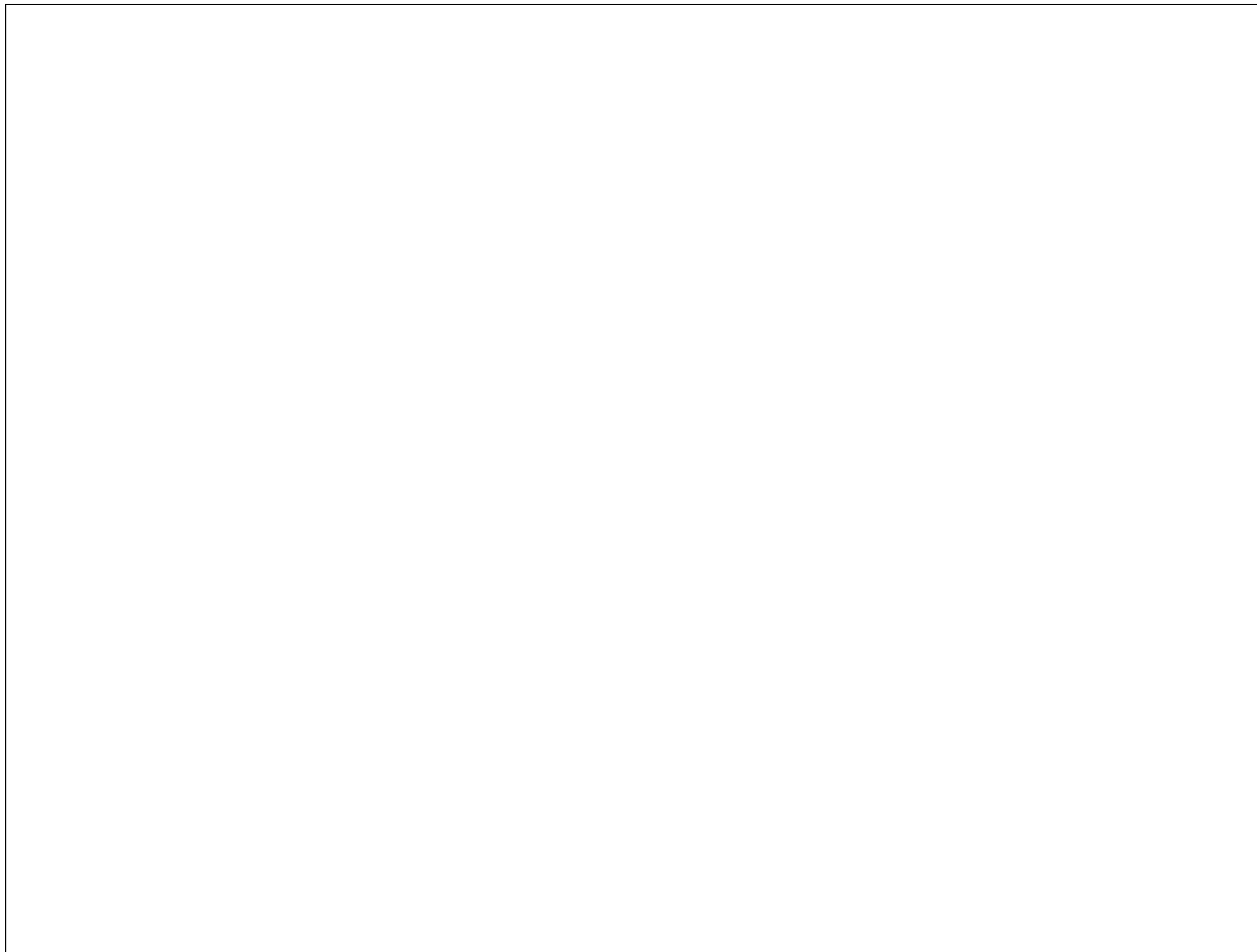
The final project was on Kings River near Stony Point. This project involved the placement of two rock vanes, two LFSTP's and the filling of an overflow channel. The purpose of the upper vane is to deflect higher flow levels away from the rest of the project site. Immediately downstream of this structure is the first LFSTP. This structure was placed across the mouth of an overflow channel to act as a dam. Downstream of this LFSTP the overflow channel was filled with material from the gravel bar. This fill material was piled to the level of the top of the LFSTP and sloped downstream at about 40:1. This area will be densely planted with willow cuttings later this winter. The flat slope and willows will slow down flood waters once they overtop the LFSTP. The second vane is located at the bottom of this fill area. It is attached to the upstream end of the second LFSTP. This rock vanes primary purpose is to deflect flood waters away from the rest of the project site and to protect the upper end of the second LFSTP.

All of these sites will be planted with willow and sycamore cuttings later this winter. If you are interested in participating in this portion of the project please call me at 870-715-2750.



**News from Region III (Gulf Coastal Plain)
Stream Team Coordinator, Ben Thesing...**

**News from Region II (Delta)
Stream Team Coordinator,
Stephen O'Neal...**



Stream Team Name: _____

Activity Sheet

Stream Team #: _____

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The Process of Becoming a STREAM TEAM...

1. Express an interest and request more information.

Send your name, address, and phone number to:

ARKANSAS STREAM TEAM PROGRAM COORDINATOR
Arkansas Game and Fish Commission
2 Natural Resources Drive
Little Rock, AR 72205

2. Sign up. You will receive the newsletter and be counted among Arkansas' *STREAM TEAM* members. This will also get you in the network of those wanting to help out Arkansas' waterways.

3. Adopt a stream. To become more involved in the program you can adopt a stream. Select a stream that you and/or your group are particularly concerned about. For example - the creek on your land, your favorite fishing hole, or the stream you drive over everyday going to work or school.

A. Inventory your stream with help from the *STREAM TEAM* coordinators.

B. Decide what you want to do---trash pickup, habitat improvement, water quality monitoring, and/or whatever is of interest to you or your group!



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Stream Team News Editor
Arkansas Game and Fish Commission
2 Natural Resources Drive
Little Rock, AR 72205

MAIL TO: