

Roger Zbel's position on Morgan France's suggestion of 40 cfs TER's

On Thu, Mar 27, 2014 at 12:30 PM, Roger Zbel <precisionrafting@gmail.com> wrote:

Hello Mike

I think that Morgan is on to something that might be of use but I strongly disagree that using only 40 or slightly more cfs thru the bypass valve for a longer duration will work to cool the river. The small amount of water will become super heated before it even reaches Sang Run that this kind of release will be of no value and not do the intended job.

The other disadvantage to this in the hot dry years when the lake does go to the lower rule band will be missed whitewater opportunities as in the drought years the TER's are the only release keeping the whitewater interests alive. We depend on these to fill in for canceled white water releases. Fishing guides also note that after the big slug of water the fish get very active and fishing is greatly improved.

I think that there are some minor tweaks to the current protocol that will save water as well and lake levels without incurring giant cost to create a new TER.

First if real time info is feed into the formula every time it is run through out the day using local information we will see a noticeable difference in the number of TER's required in a given summer. Currently when the TER's are being run the cloud cover and river flows and projected high temps are only feed in to the equation at the earliest reading, 7 am. Temps at Sang run are used each time but using info for the hoyes gauge instead of Oakland and using it every time will most likely make a difference.

I feel that the lower rules band acts as a water budget and has served all stake holders well enough in a drought years, with everyone sharing the pain of bumping into the lower rule band, that to change that is a big expense and time waste. With a change to some of the language in the dock permitting law lake owners could be allowed to push docks out into deeper water and thus get the much needed relief they need with out being in violation as they are currently. With these changes we could save water and everyone could benefit without one stake holder suffering to change conditions for another.

Please pass this on and post this to this to the DNR web site as well.

Thanks for the time,

Roger Zbel

Hey Morgan

To answer some of these concerns: 40 cfs will take many hours to get to sang run and by the time it does that 40 cfs will be just as hot as the river we're trying to cool.

Sunday Whitewater releases were never something that we entertained as before 94 it was always Mon-Friday and it seemed like weekends were out of the question. After deregulation of the electric market the cost seemed to coincide with need. Sunday has always been a low use day except in the hots of summer days.

There has never been any tweaking to the TER's until 2011 when it was changed that they did not need to run the protocol on Whitewater days.

Not sure where this 22% number is coming from but when the lake is at the end of Sept rule band of 2457 only 4% of the dock slips are in less then 2 ft of water.

Lastly where did you get the 20 feet of water coming out of the lake. in 2012, there had to be tons of recharge as they only change the lake 8 ft between winter and summer pool. So even if 20 ft were let go the lake level never went more then a couple of inches below lower rule band.

TER's are an important part of the whitewater releases in the dry years just because they were put in that way to partly make up for the lost whitewater releases from before 1994.

I know this is a hot topic and needs lots of consideration but not at the expense of any stakeholder.

Thanks for your time too

Roger