



Aerial view of Eleven Mile Reservoir

South Platte Headwaters, Golden

4/17/2007

Expectations: *Folks came because they had the desire to disseminate and share their data, assist with data management, need access to data, simplify data requests, need good information to do their work such as forest planning, comply with control regulations or data format requirements.*

Watershed SWAP Priorities and Concerns:

EVALUATION:

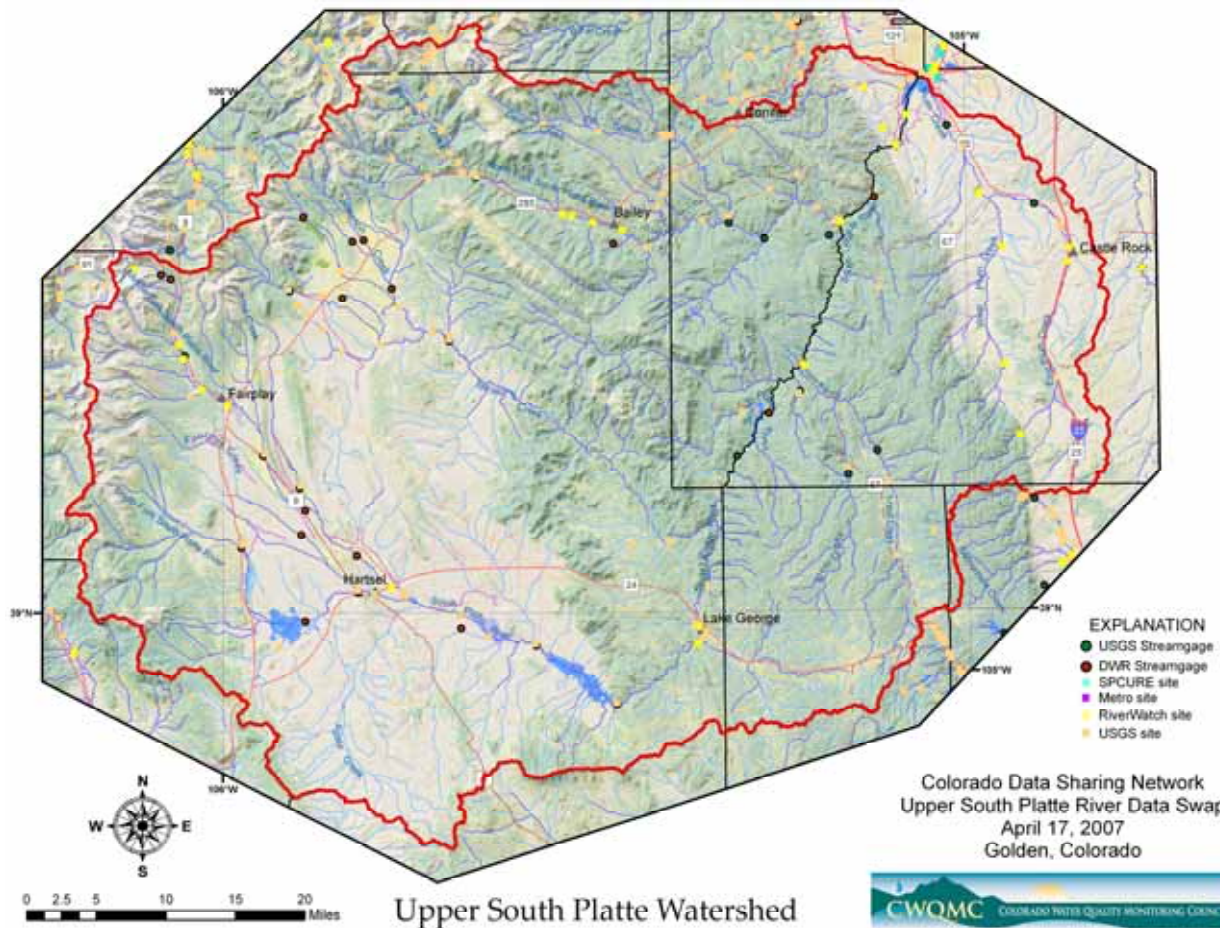
- Content about right (100%) and Overall pace about right (100%)
- Unanimous increased knowledge of DSN and difference between Database and map (100%)
- About ½ of participants plan to upload data, the other ½ did not generate data but planned to use map and database
- About ½ of participants have legacy data and also requested help loading data into DSN

FREQUENCY:

- One to two years, 20 is limit on size to be workable
- Scale is adequate for most, some entities would need to attend more than one like Denver Water Board, WQCD or CDOW
- Topic - How to manage and analyze continuous reading temperature data
- Topic - A sharing of data and results from all the Hayman Fire Studies would be of value
- Topic - Data analyses-study results, share stories and data needs

- General observation and consensus that it would be of value to have a Hayman Fire specific SWAP or event to share what is going on and study results. There is no one place to turn to for Hayman Fire studies, but there is much to be learned by sharing information
- Data generators in the headwaters include the Forest Service, Denver Water Board, downstream users such as Chatfield and Cherry Creek Basin Authorities, CUSP and incorporated municipalities to a lesser degree.
- Outside of Hayman Fire monitoring, there is little baseline data being generated in the headwaters, more project based information if it exists.
- Impact from sediment was a common priority, whether from fires, road management, trail use or other sources.
- Each project has different reporting needs and data, sometimes data is not electronic format, need to get data into one database is there but can be barriers
- A current Forest Service priority in this area is looking for data to utilize to develop management plans, especially related to sediment loading from road management, a watershed approach is desired, need to discern from background conditions and source identification
- Small communities do not have the data or resources to address the changes in ammonia discharge permits, data would greatly help this transition, needed is flow data, mixing zone data, ammonia model needs, and fishery and physical habitat data, especially on the Middle Fork South Platte
- Downstream users are dealing with short term and perhaps longer term metals issues related to the Hayman Fire, such as mercury, high levels of copper, iron, manganese, zinc, lead, nickel, chromium and arsenic
- Need to incorporate chemical data with physical habitat and biological data and get in a better format to share than current system, although that system is working
- Chatfield, has robust historic and current sampling efforts, priorities beyond Hayman Fire and Control Regulations include addressing pressure on water use with reallocation plans, growth demands, ability to integrate point and non point sources, use data in land-use decisions and broaden partnerships to include more of the watershed
- Ability to discern and measure differences between point and non point sources
- Concern over ability and effort to monitor and measure endocrine disruptors from a public health perspective
- Bear Creek Watershed Association has a robust data monitoring program, but has more discharges in the basin than Cherry Creek and priorities include addressing impacts from drought, diversions, implications from 303(d) listings and development of site specific expected biological condition, need for community involvement and integrating work with land use decisions
- Need to stay informed and involved in order to be effective in work in water quality and in working with water rights issues and exchanges, be relevant for clients
- Need to share methods and processes in management and data analyses of continuous temperature information now being gathered
- Need and priority to get the right data to have best possible assessments and into respective Clean Water Act processes such as TMDL's, 305(b) reporting, standards development processes, EMAP, measurable results and the ability to show water quality improvements
- Need to manage and share volunteer lake monitoring data in a way that is simple to get data in and out
- Need data to design monitoring plans and to make the most relevant and scientifically sound decisions for Basin Review Hearings, 305(b) and 303(d) processes as well as for monitoring resources to ensure minimize duplication

Colorado Data Sharing Network in Review: The South Platte Basin ~ South Platte Headwaters



Who was invited?

Trout Unlimited
 Conifer
 Alma
 Lake George
 CUSP
 Park County
 Fairplay
 SPCURE
 Bailey
 Chatfield Basin Authority/ Bear Creek WS Assoc.
 USFS - Pike/San Isabel National Forest

Who attended?

Marie Chisholm, CUSP/Fairplay
 Robert Hillegas, CDPHE
 Russell Clayshulte, Chatfield Basin Authority/ Bear Creek WS Assoc.
 Steve Lundt, MWRD / CLRMA
 Karl Hermann, USEPA R8
 Jim Dorsch, MWRD
 Natalie Smith, Boyle Engineering
 Dana Butler & Lorie Peterson, USFS - Pike/San Isabel National Forest
 Steve Culver, USFS

Who was missing?

University of Colorado/ Joanne Silverstine
 Denver Water Board
 Douglas and Teller Counties
 Excel Energy

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