



INVESTING IN RECREATION AND
RESTORING STREAMFLOWS,
MAKES ECONOMIC SENSE.



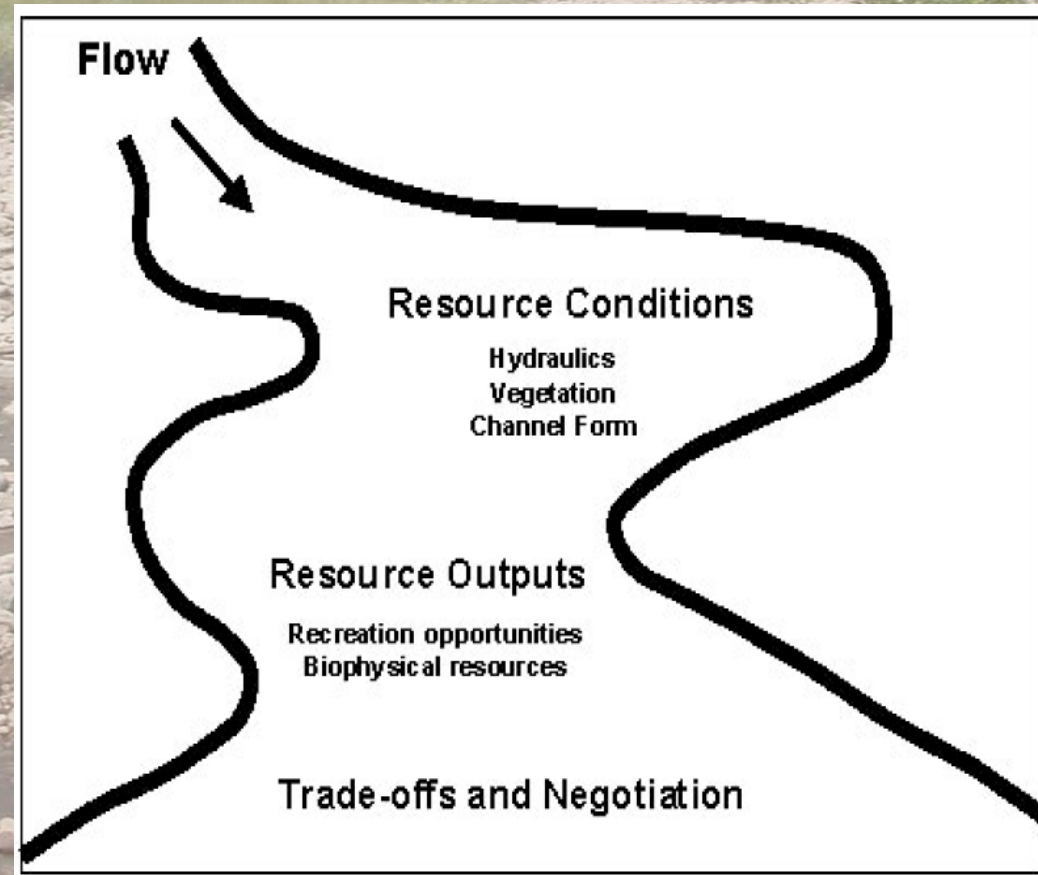
FLOW AS A DETERMINANT OF RECREATION QUALITY

Short Term:

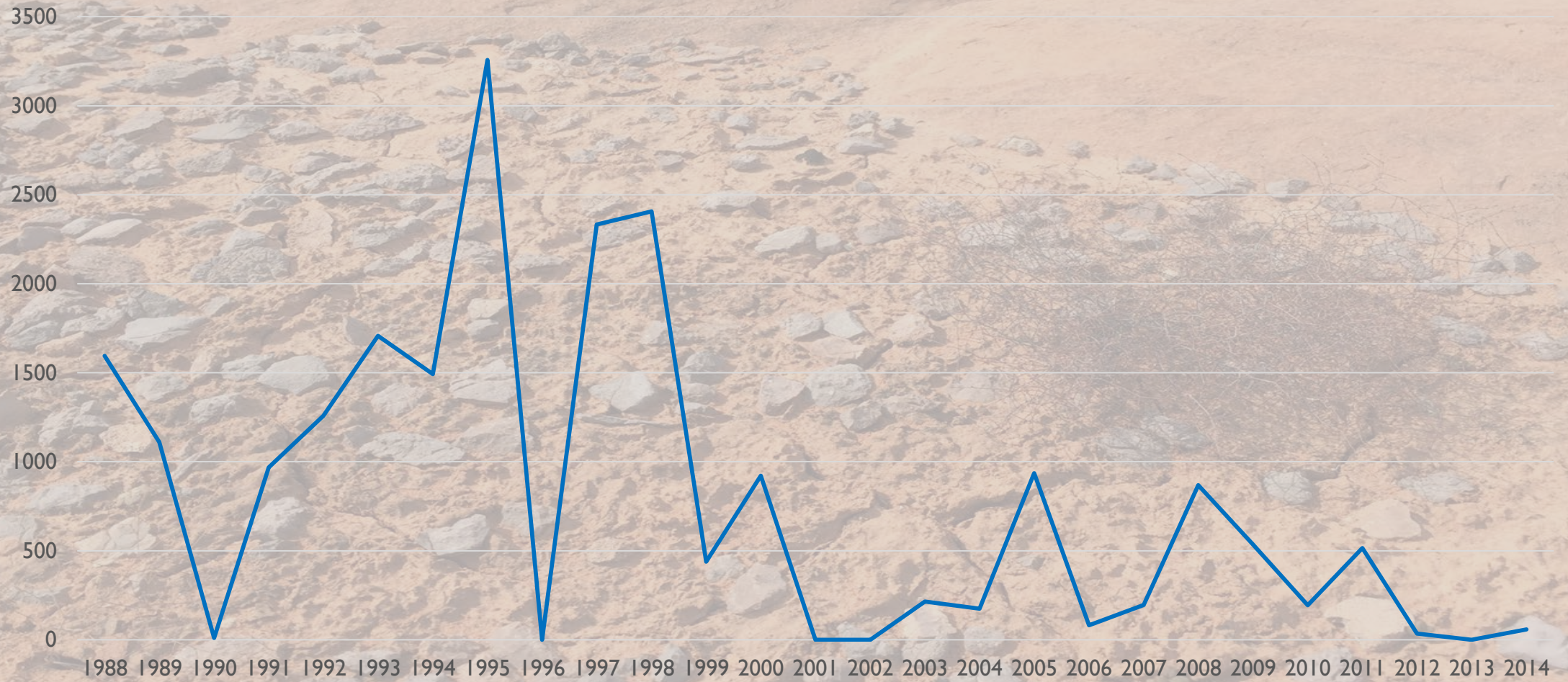
- Is the river boatable?
- Is it swimmable, or fishable?
- What kind of challenge?
- Aesthetics of the “riverscape”

Long Term:

- Fish populations
- Riparian health
- Channel features
(beaches, pools, riffles)



Lower Dolores River, Commercial User-Days



— Lower Dolores River, Commercial User-Days

DOLORES RIVER RECREATIONAL FLOAT BOATING ECONOMIC IMPACTS:

Commercial User-Days:

Historical Range 0-3,257

Average 88-98 = 1,614/year

Average 99-08 = 383/year

Average 09-14 = 223/year

2014: 58 Commercial User Days

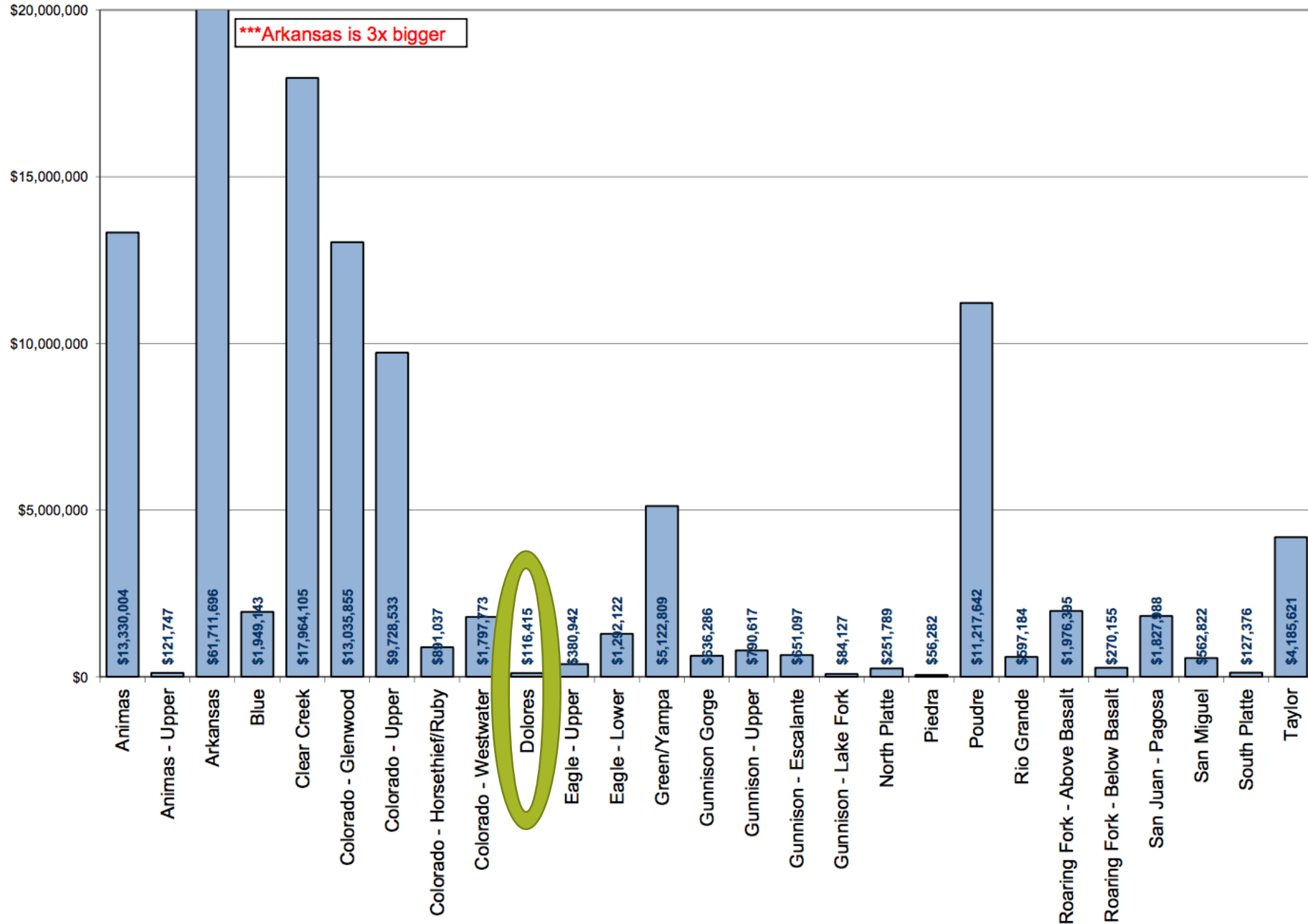
= \$ 7,193 Direct Expenditures in 2014

= \$ 18,413 Economic Impact in 2014

Direct Expenditures: The total cash outlay for rafting, food, lodging, souvenirs, etc. spent in the local area by one river rafting customer in one day.

Economic Multiplier: The number of times a dollar is spent (2.56 times) in the local area before being spent outside that area. Colorado Tourism Board.

ECONOMIC IMPACT OF COMMERCIAL RIVER RAFTING IN COLORADO - 2011



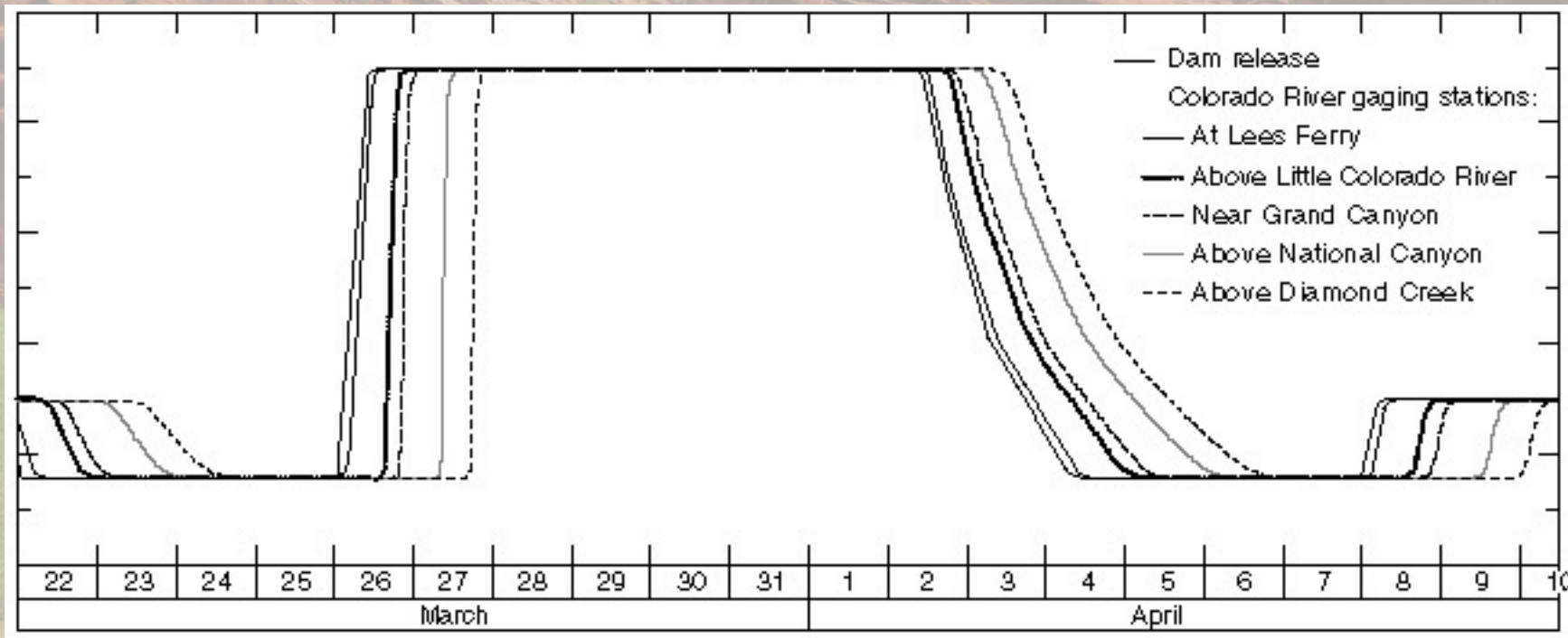
Many streamflow management tools, target only the amount of water needed to meet a single policy objective:

Recreation:

- boatable flows for the longest time period or “reasonable for a recreation experience”

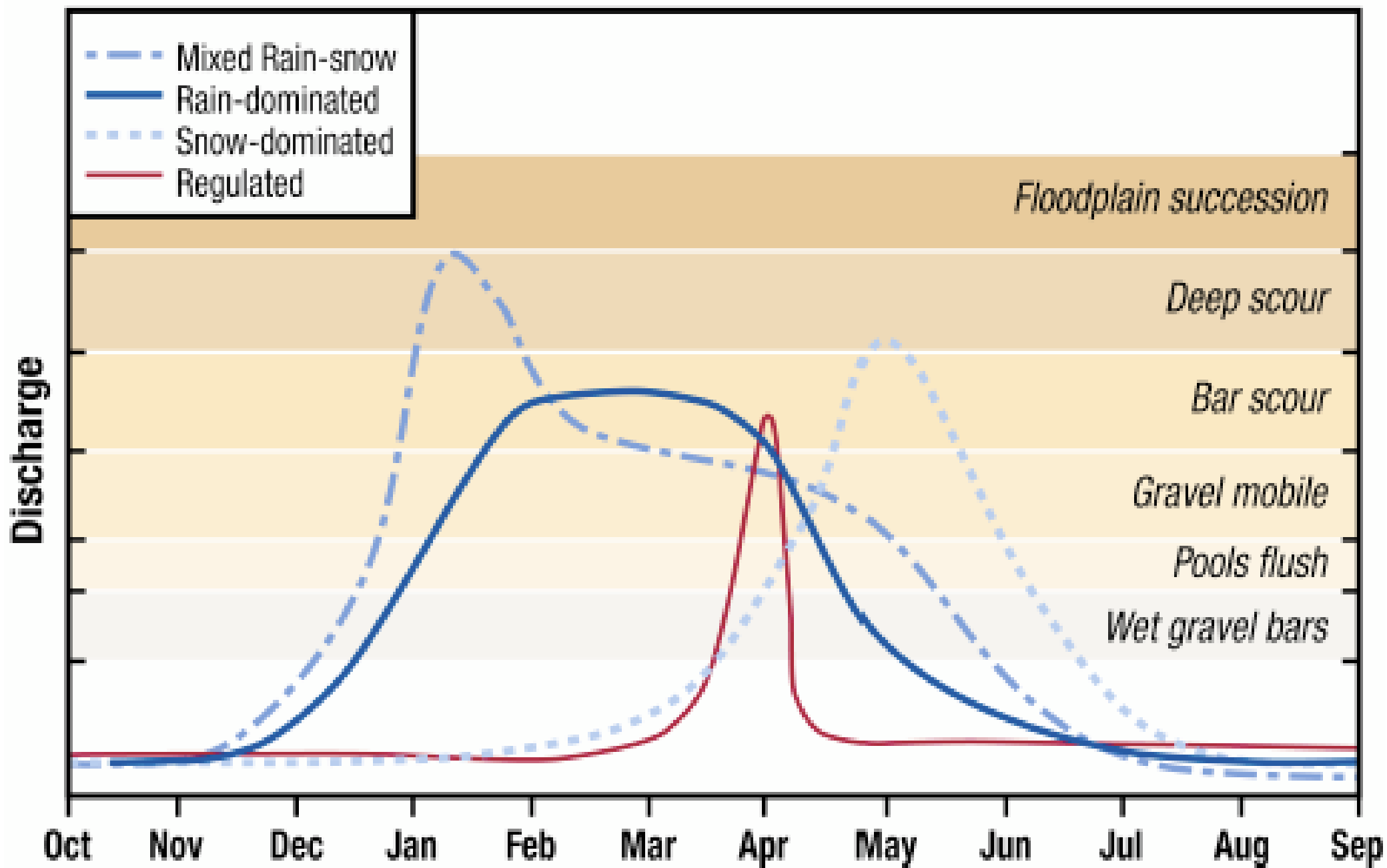
Environment:

- minimum necessary to “protect to a reasonable degree”



b)

Abiotic Thresholds



b)

Abiotic Thresholds

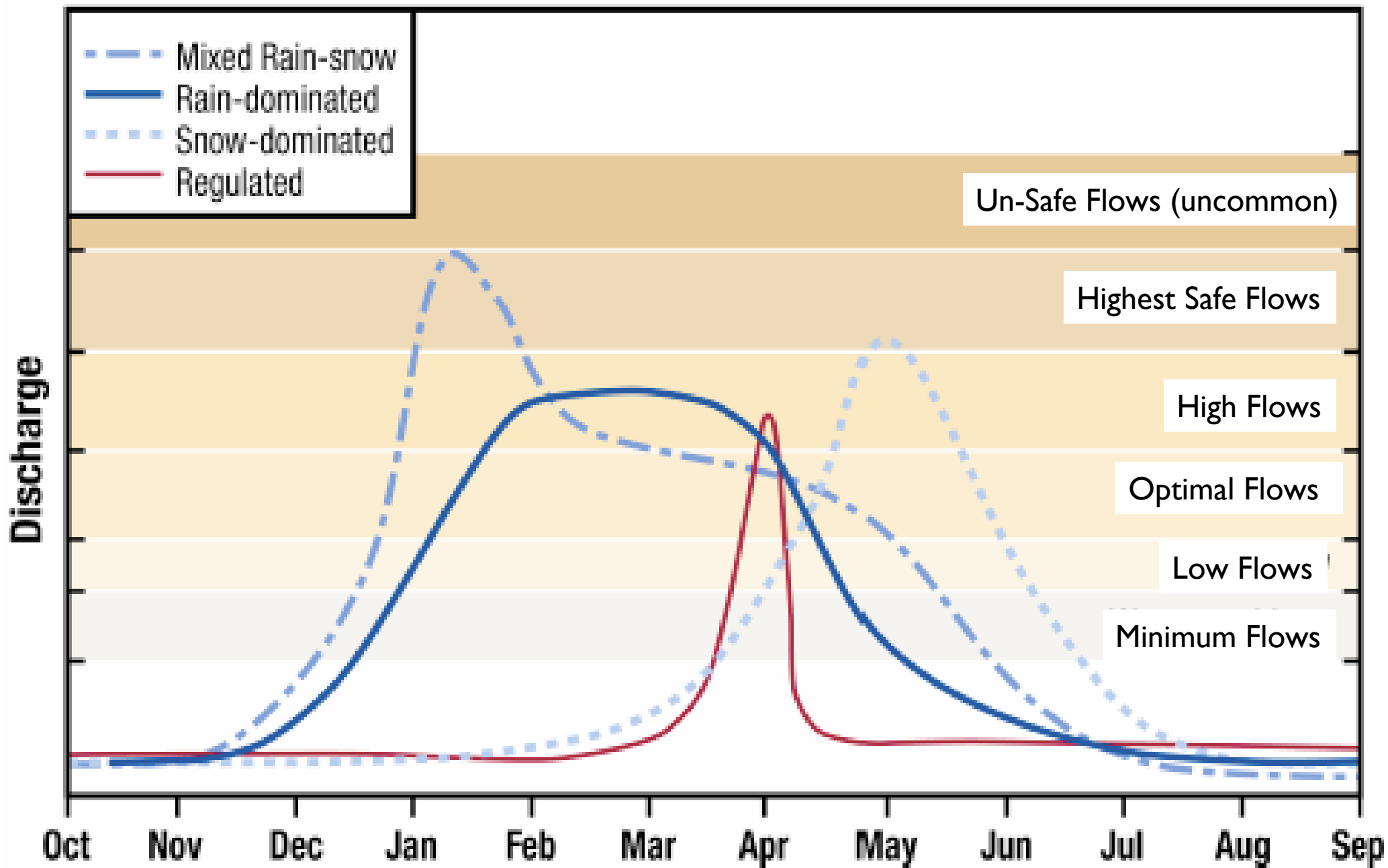
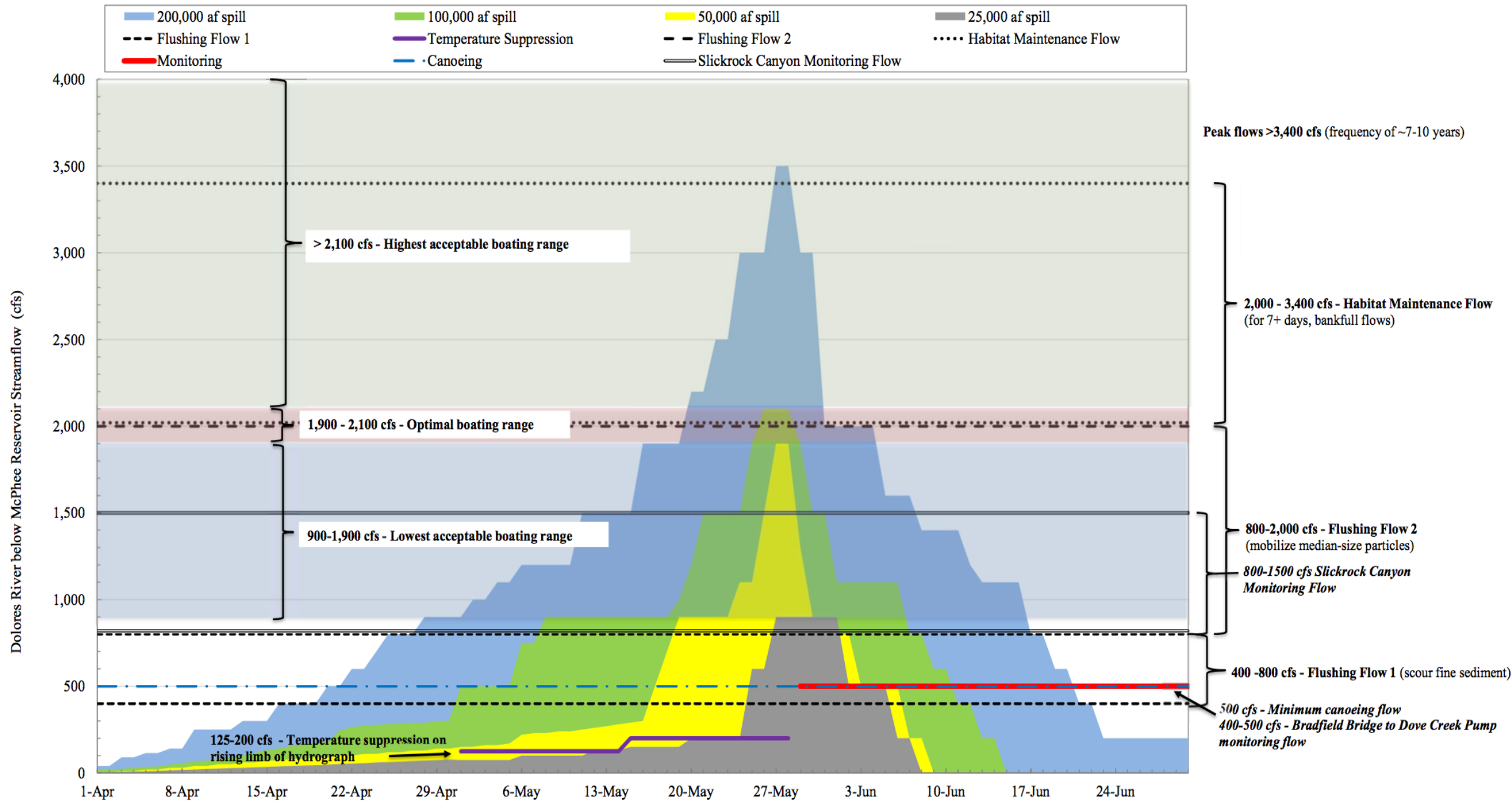


Figure 1

Dolores River Summary of McPhee Reservoir Spill Targets, Ecological Targets, and Preferred Floatboating Flow Ranges - DRAFT 4/3/2017



A wide-angle photograph of a river flowing through a deep canyon. The canyon walls are composed of layered, reddish-brown sandstone. A wooden bridge with a lattice-like railing spans across the river. In the foreground, several people are kayaking on the river. The sky is clear and blue. The overall scene is bright and sunny.

**INVESTING IN RECREATION AND
RESTORING STREAMFLOWS,
MAKES ECONOMIC SENSE.**