



MEETINGS

NONE OF US IS AS DUMB AS ALL OF US.

Lees Ferry Trout Fishery Status and Trends Update

May 2005

Glen Canyon Dam Adaptive
Management Program
Technical Work Group

Updates: Status and Trends

- Electrofishing catch rates by size class 1991-2004
- Condition Factor (Kn) 1991-2004
- Discussion of possible flow, foodbase effects

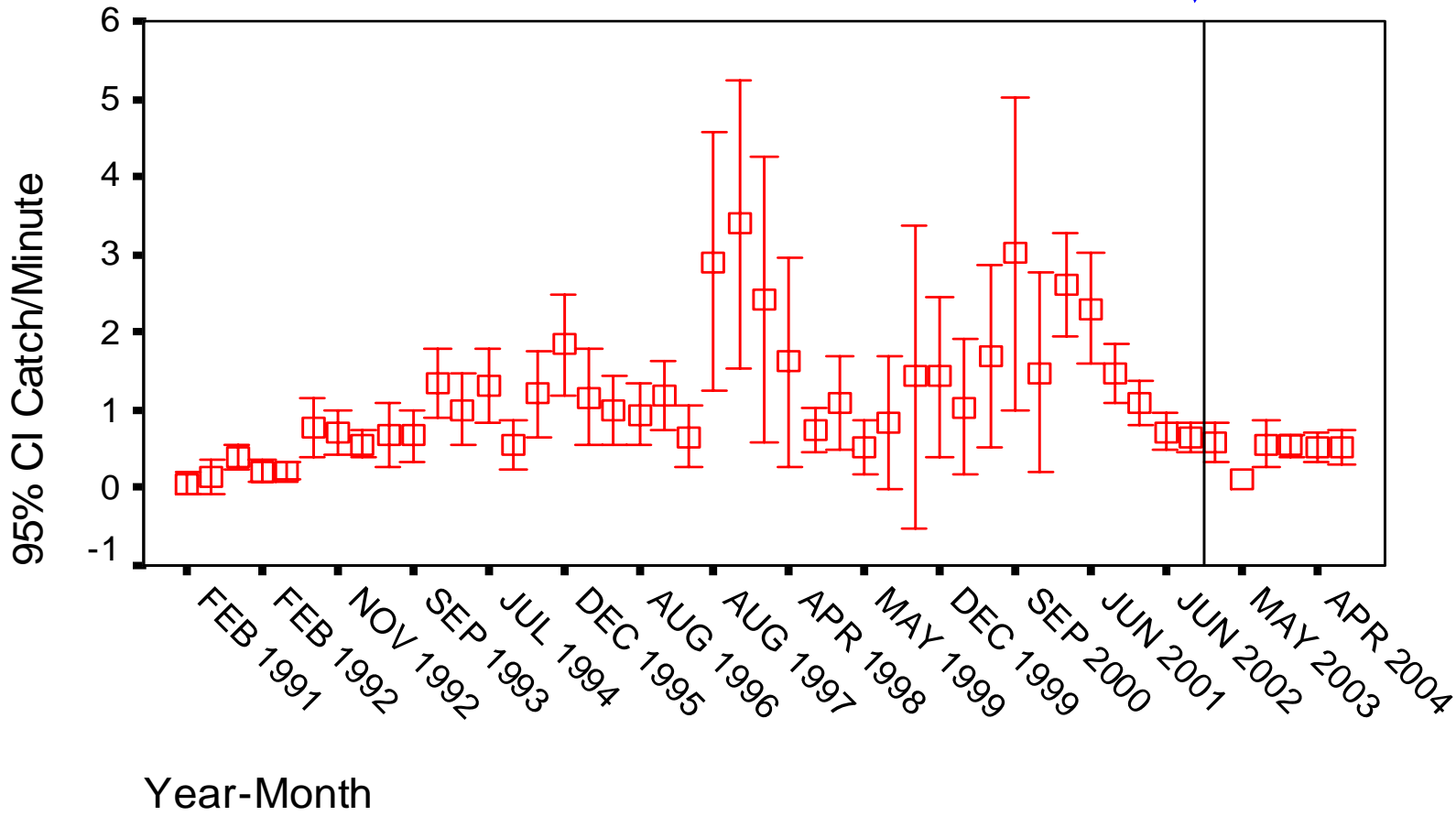
MAY03 = APR03 Trip

Lees Ferry Electrofishing

Catch per minute

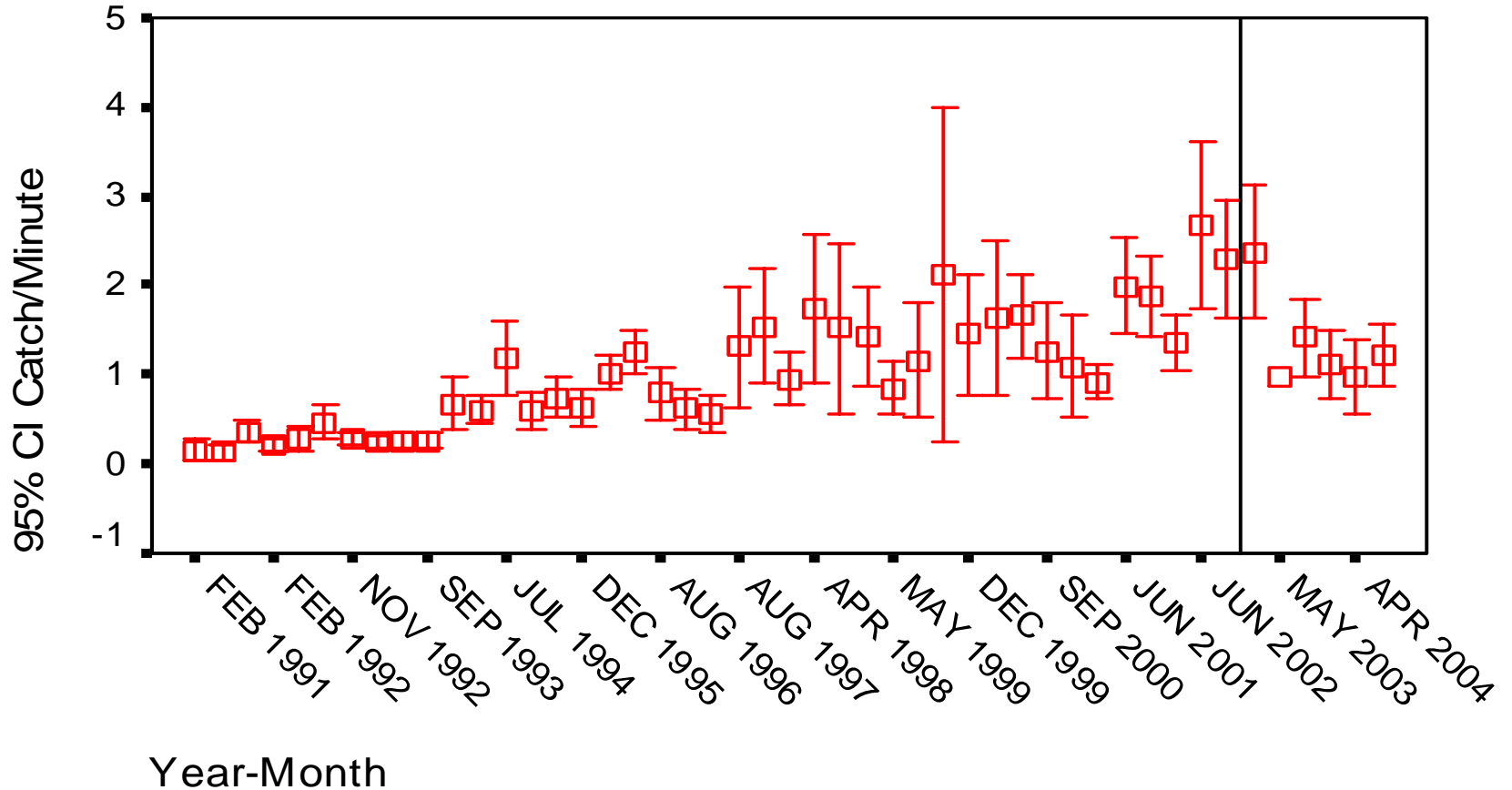
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OCT 2002



Lees Ferry Electrofishing Catch per minute

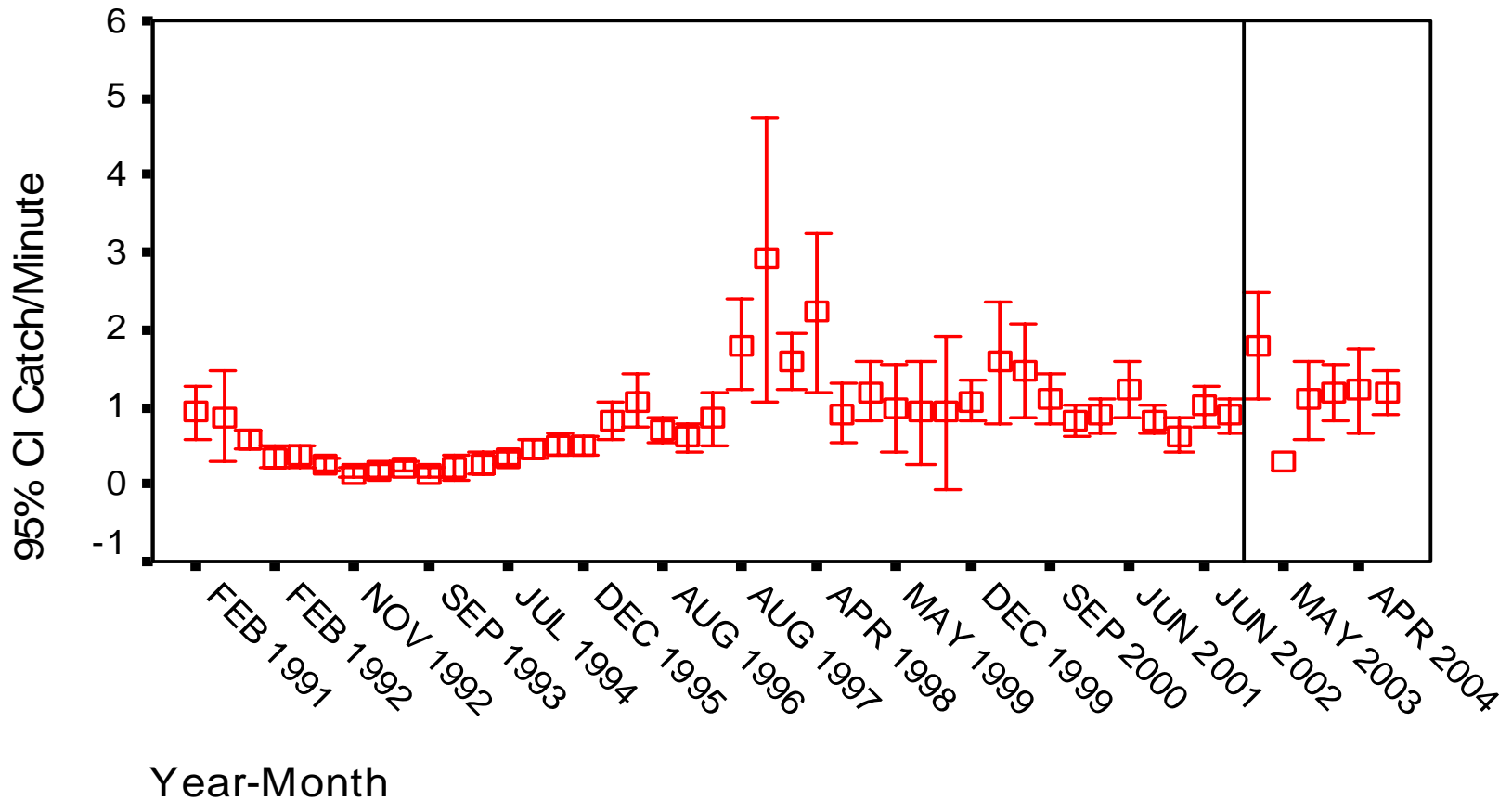
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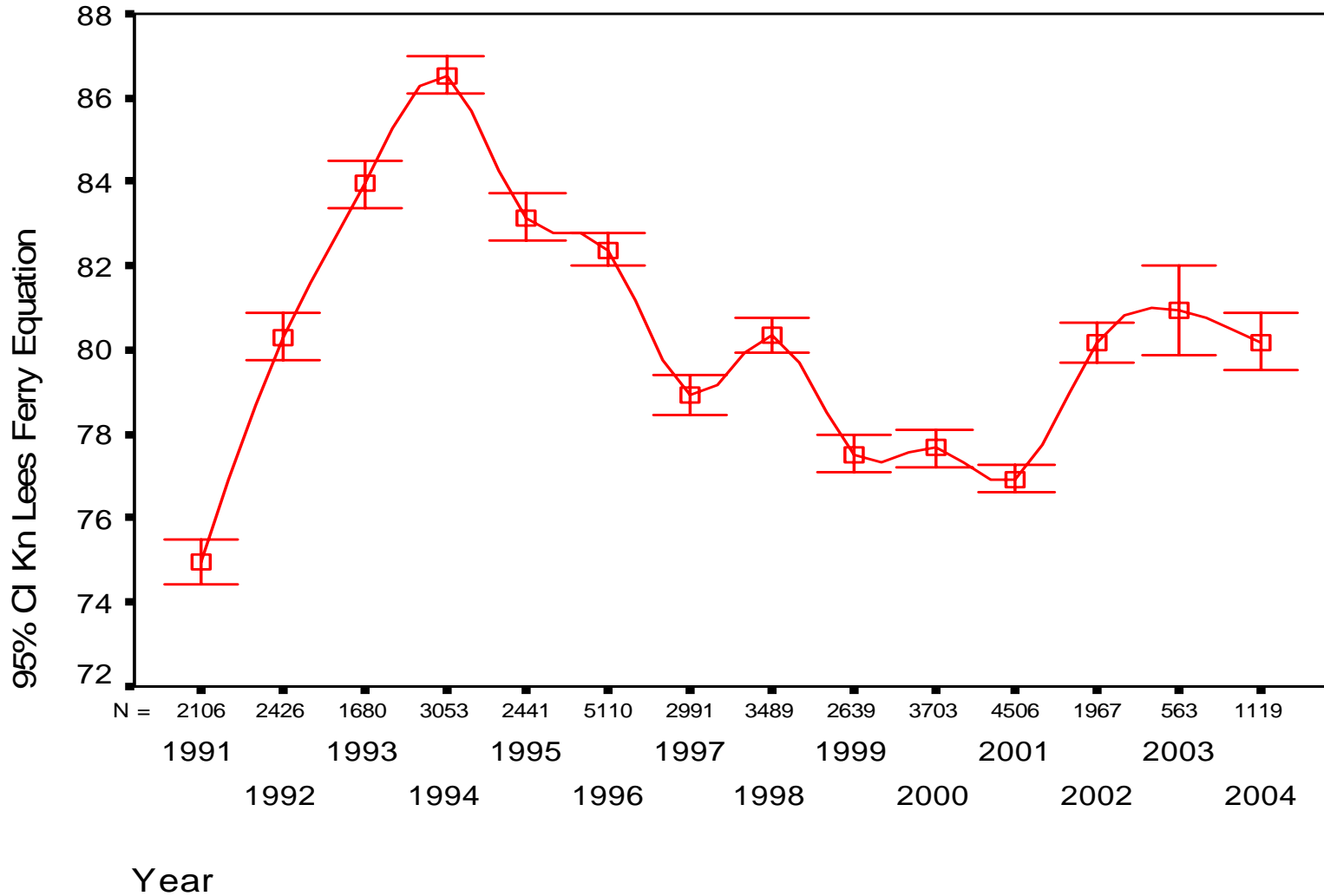
Lees Ferry Electrofishing

Catch per minute

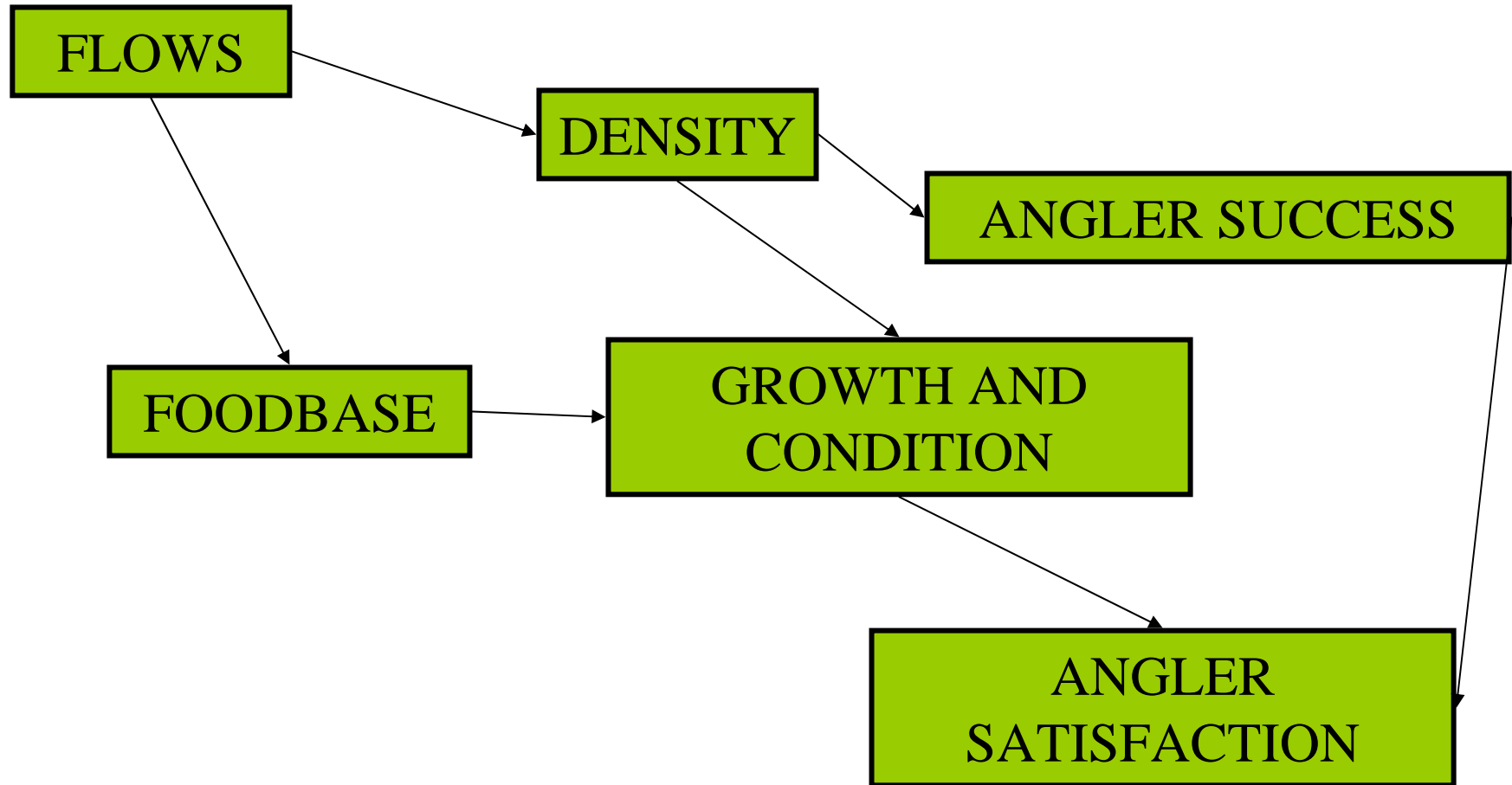
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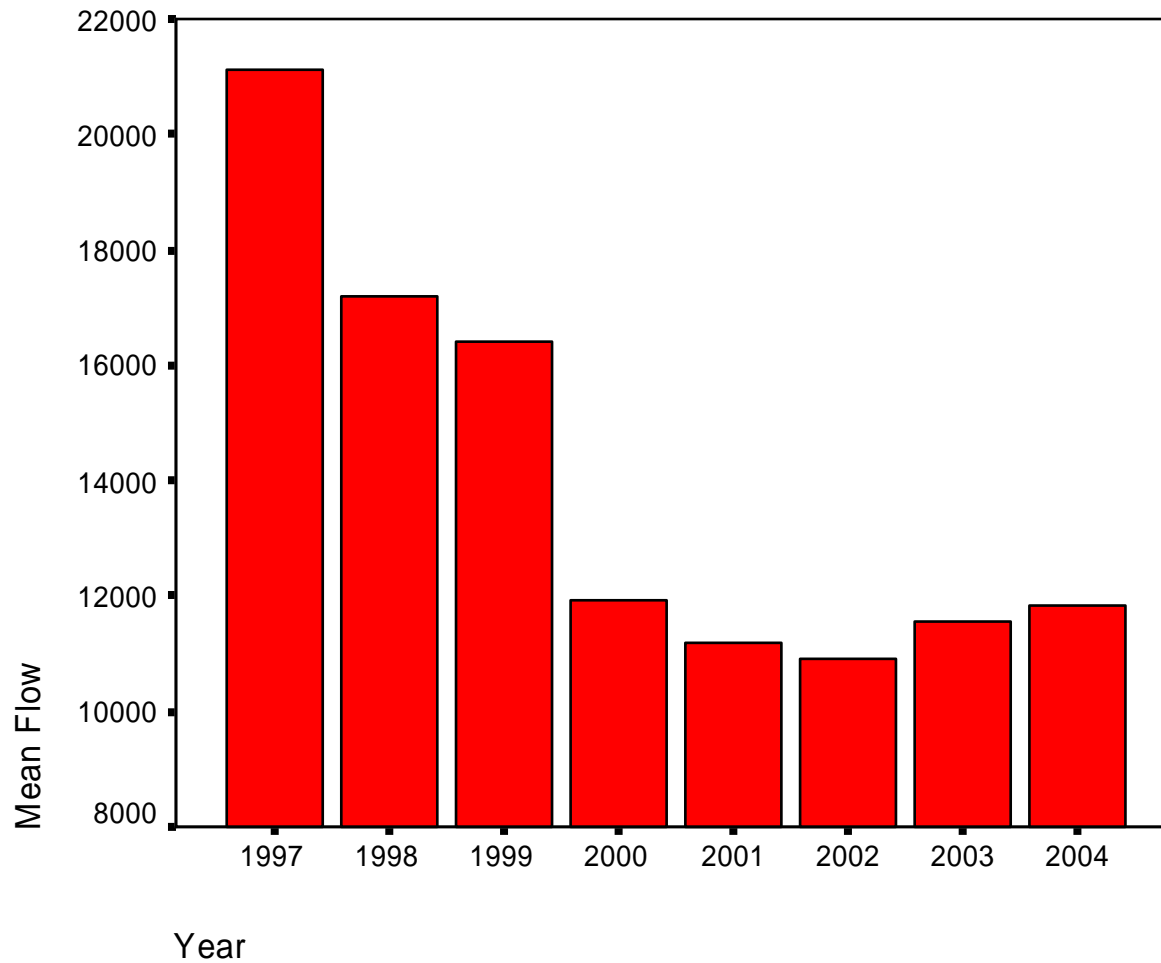
Condition Factor



Flows, Density, Growth, and Condition



MEAN ANNUAL FLOW



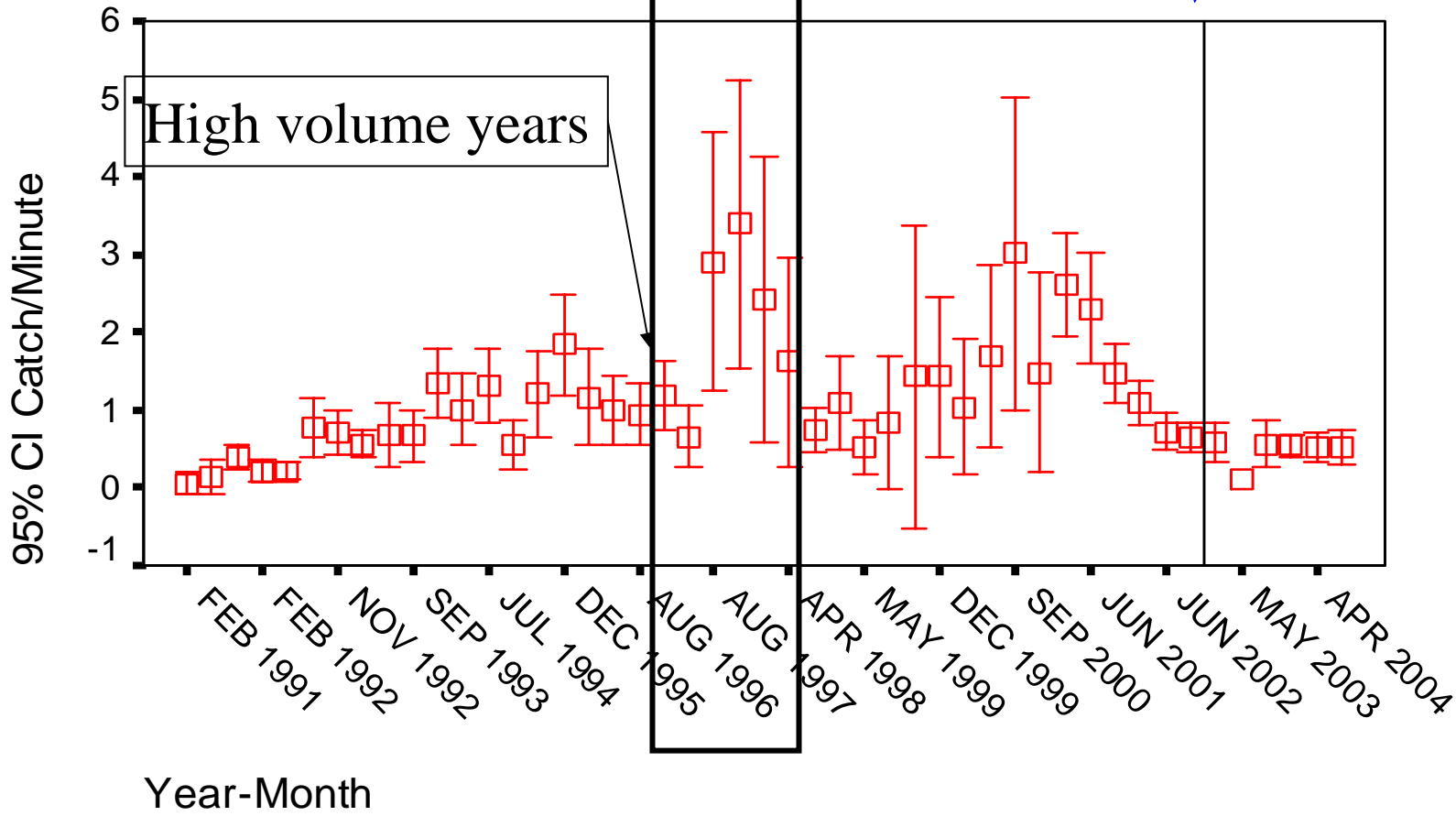
MAY03 = APR03 Trip

Lees Ferry Electrofishing

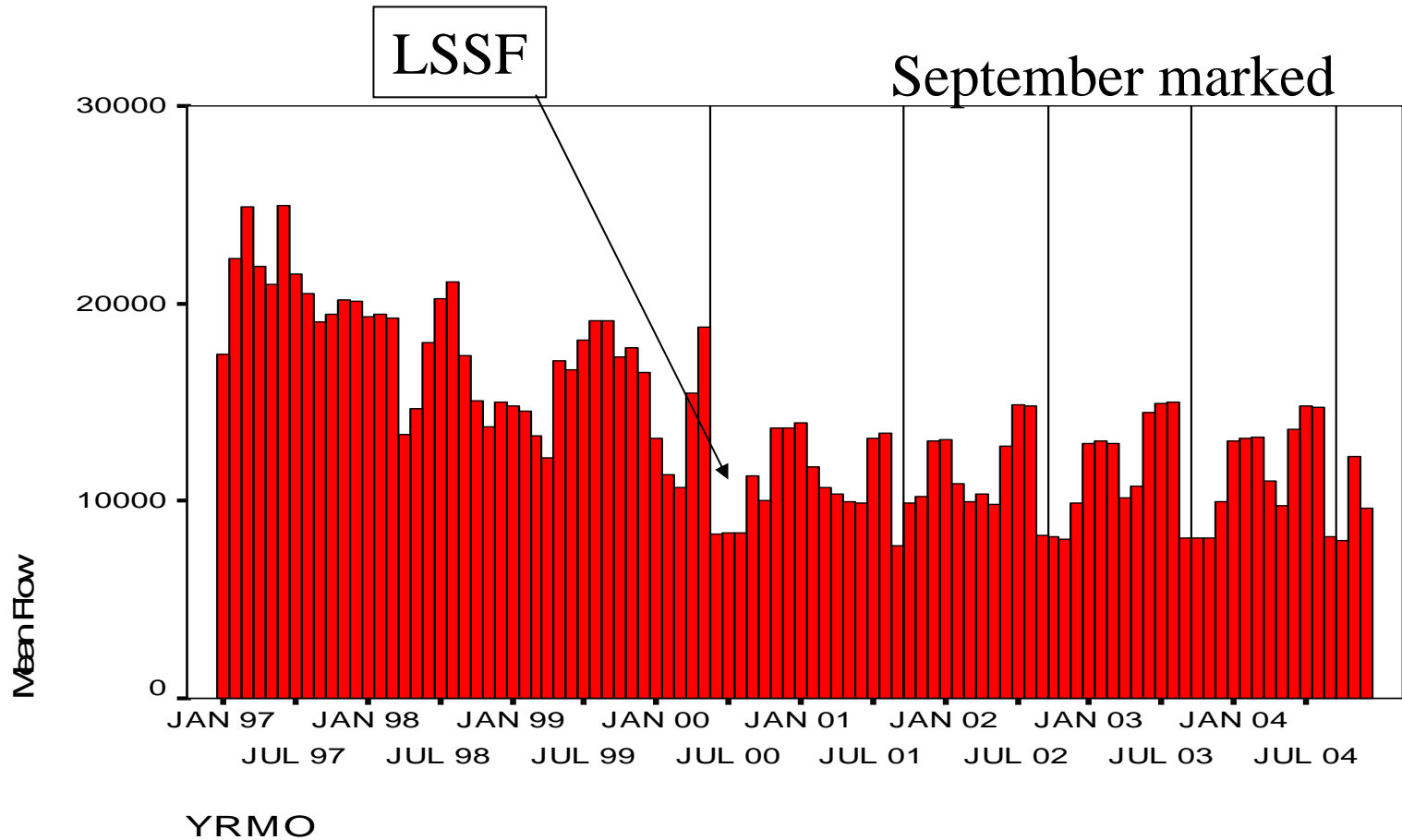
Catch per minute

OCT 2002

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MEAN MONTHLY FLOW

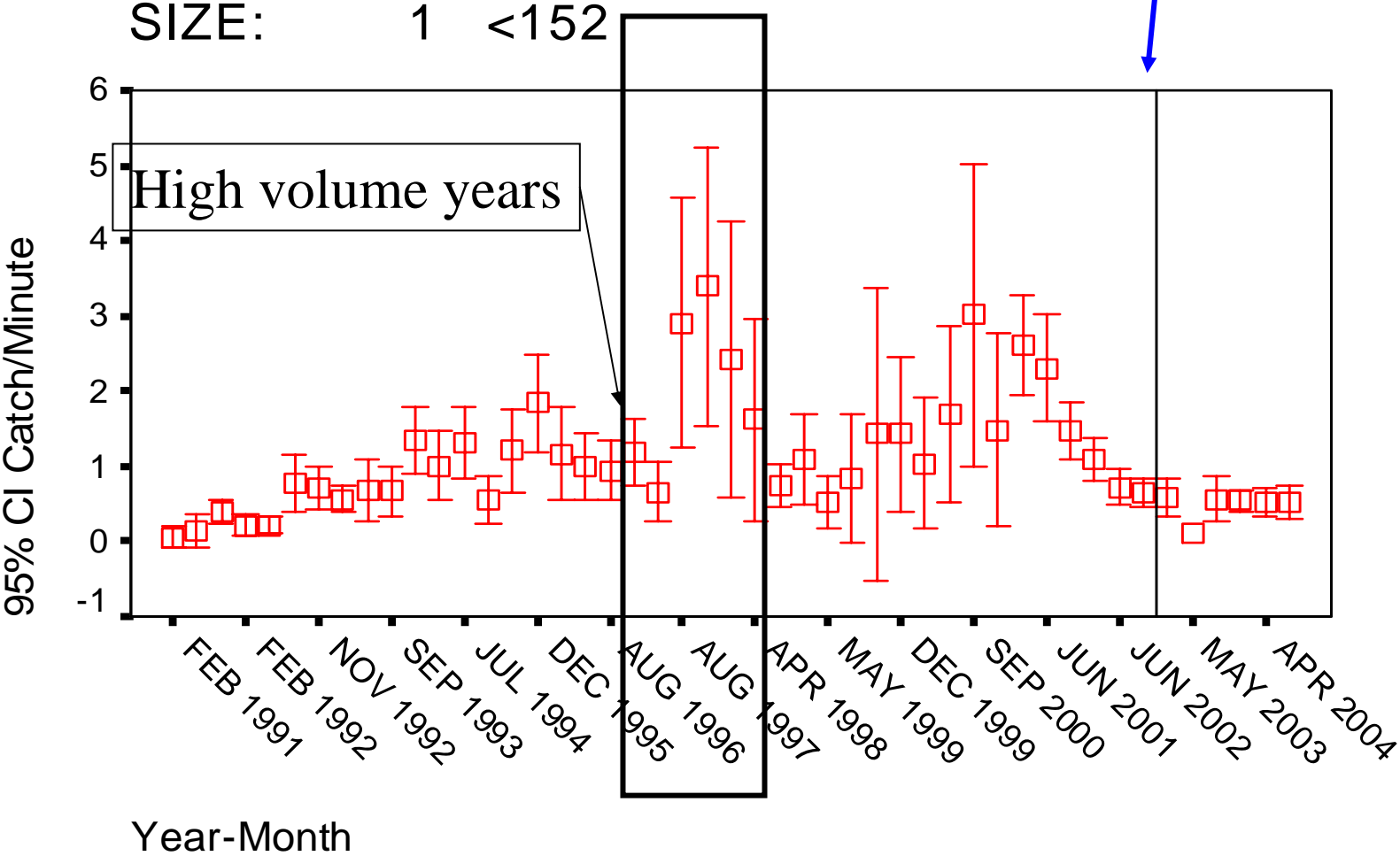


MAY03 = APR03 Trip

Lees Ferry Electrofishing

Catch per minute

OCT 2002



MAY03 = APR03 Trip

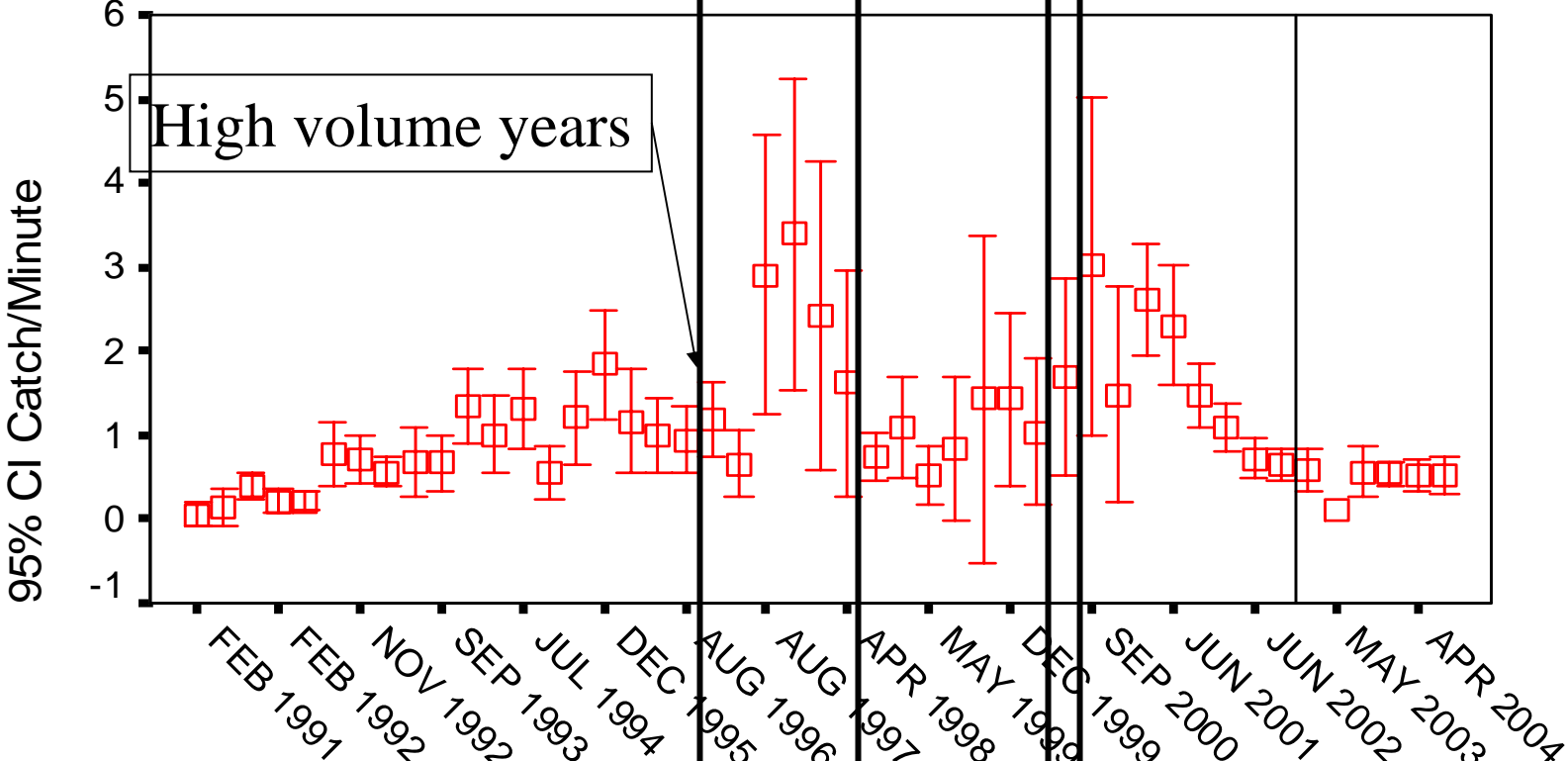
Lees Ferry Electrofishing

Catch per minute

OCT 2002

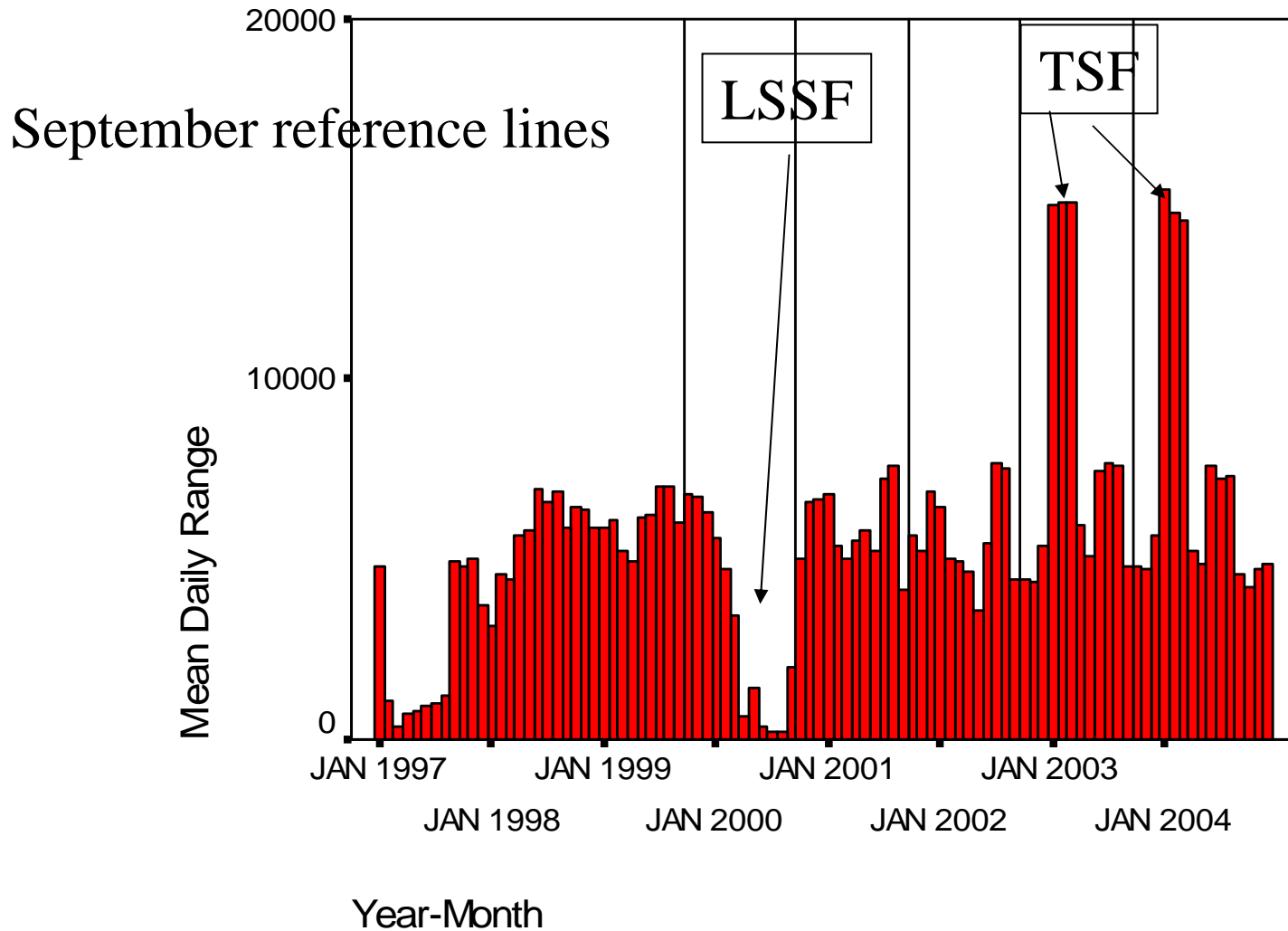
LSSF

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Year-Month

Mean Daily Flow Range



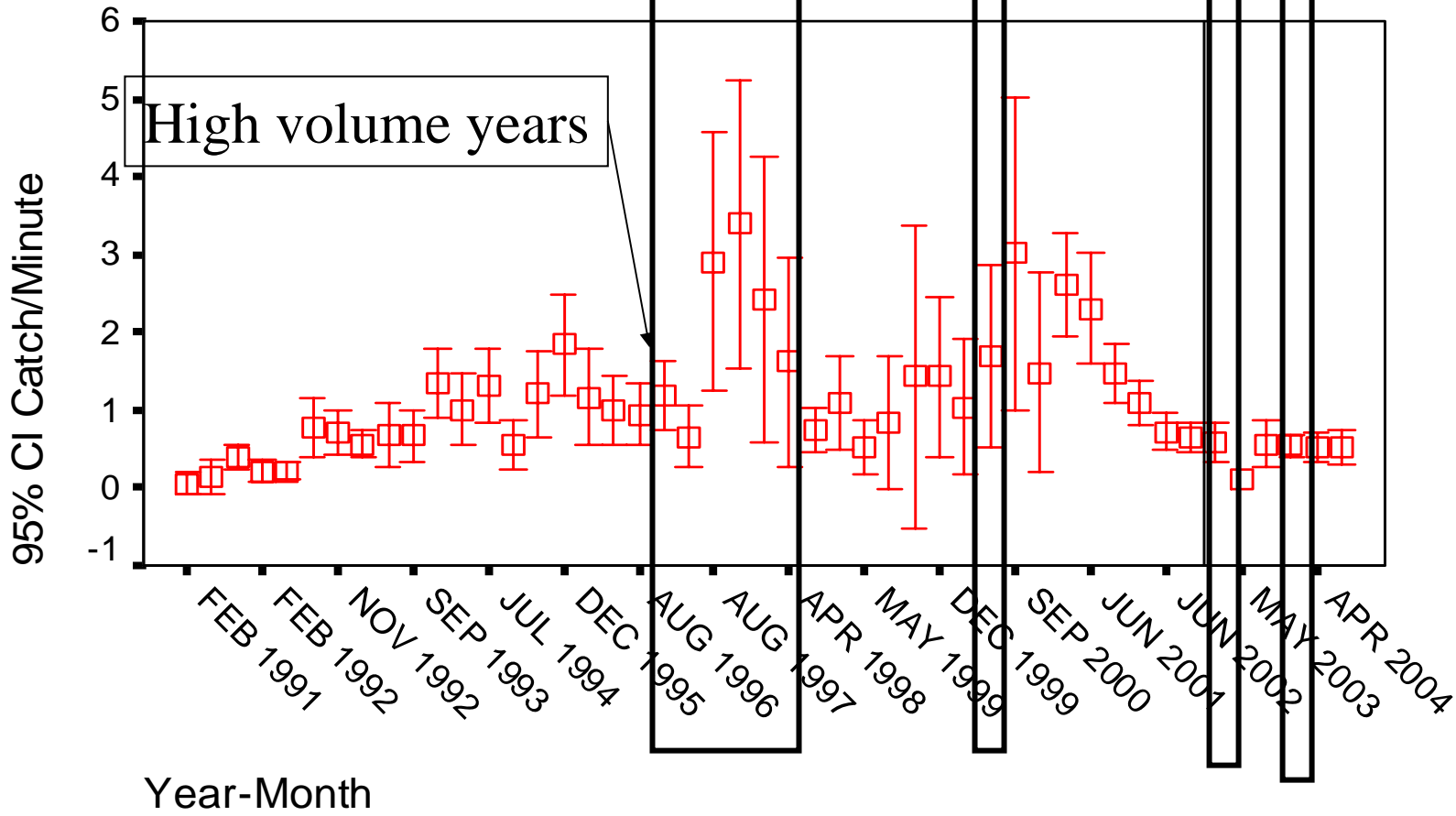
Lees Ferry Electrofishing

Catch per minute

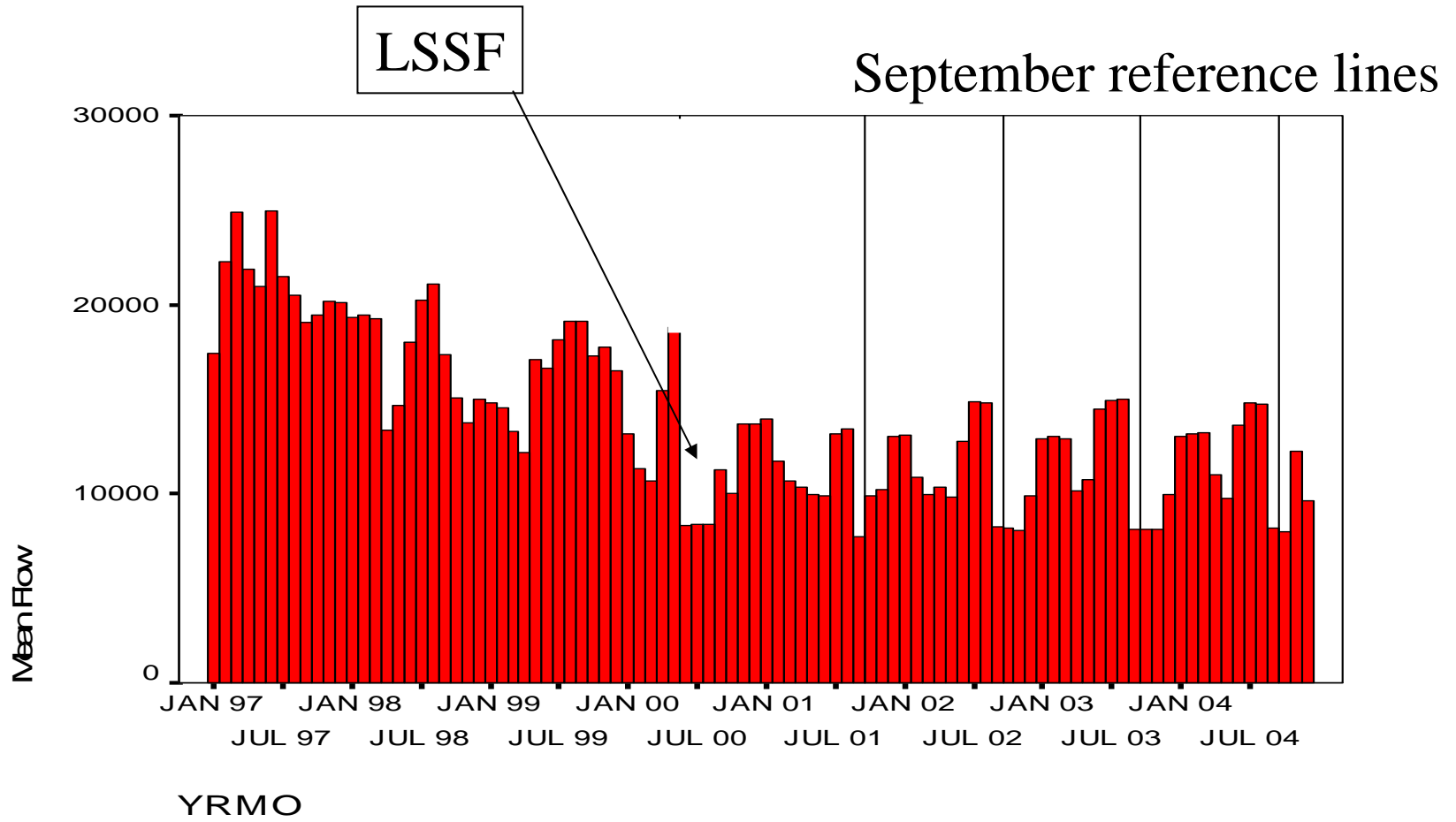
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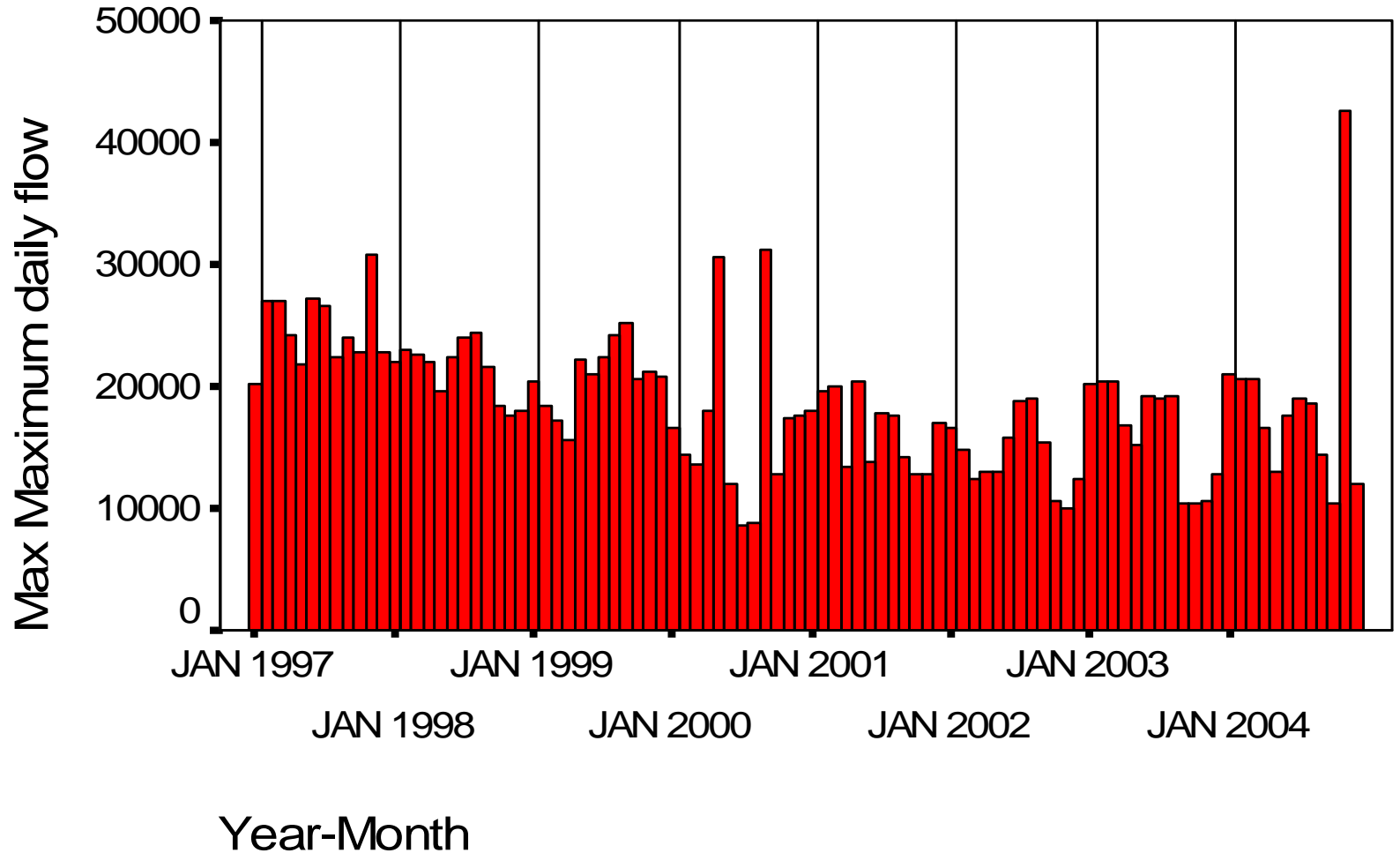


MEAN MONTHLY FLOW



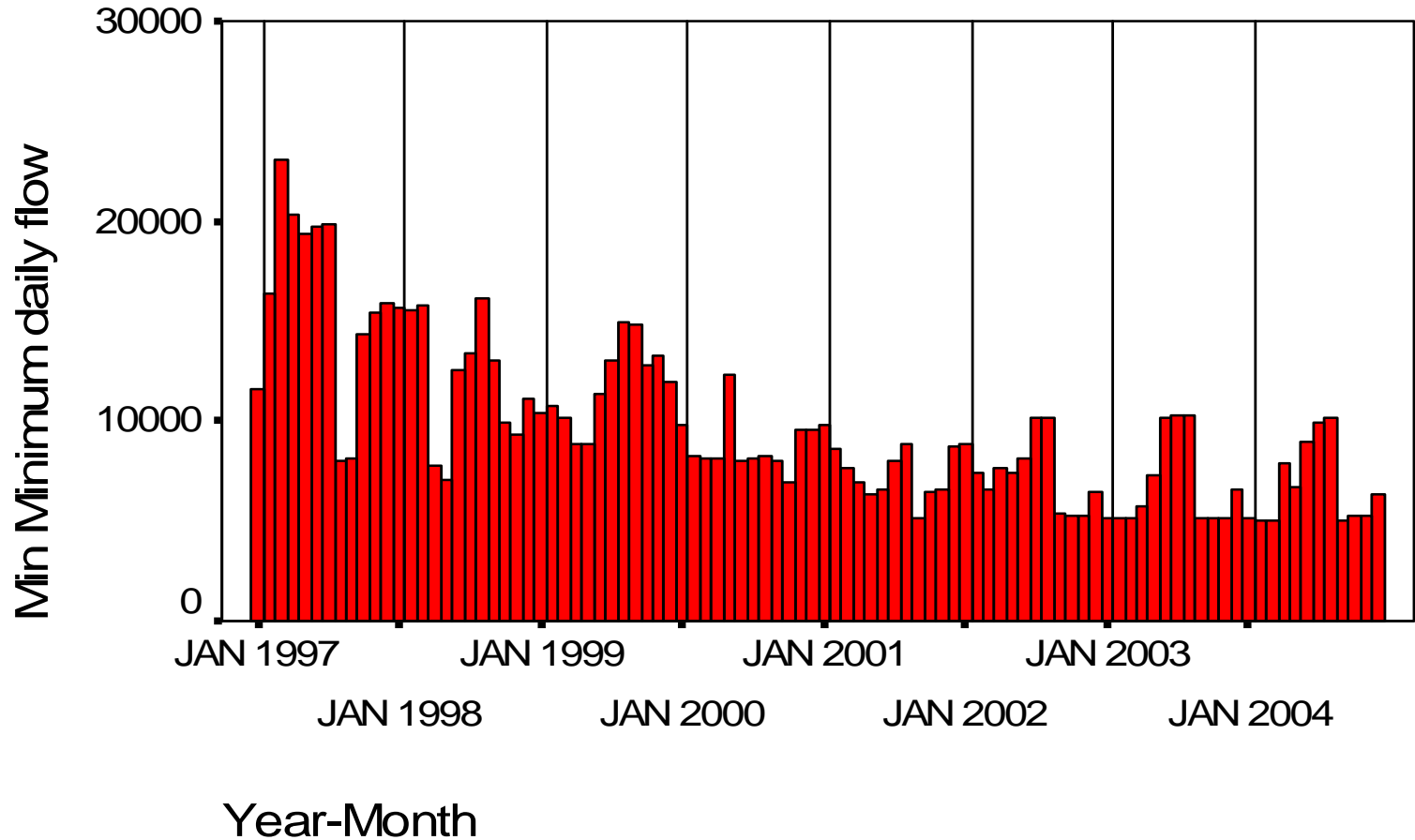
Maximum daily flow by month

January reference lines

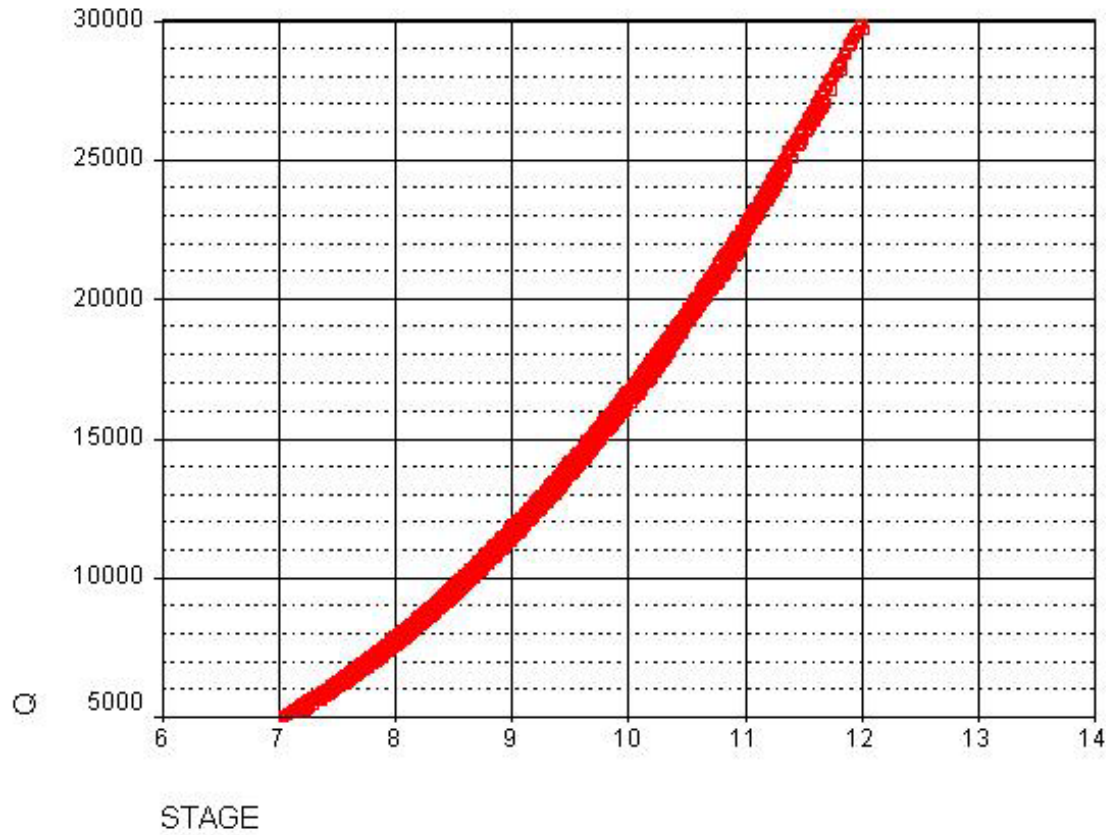


Minimum Daily Flows by Year and Month

January Reference Lines



STAGE DISCHARGE RELATIONSHIP LEES FERRY



Possible foodbase changes

- Mudsnaails?
- Possible changes in species composition and community structure of invertebrates (Gammarus – chironomids?)
- Wetted perimeter effects?
- Possible changes in community structure of aquatic plants



PLANNING

MUCH WORK REMAINS TO BE DONE BEFORE WE CAN ANNOUNCE
OUR TOTAL FAILURE TO MAKE ANY PROGRESS.