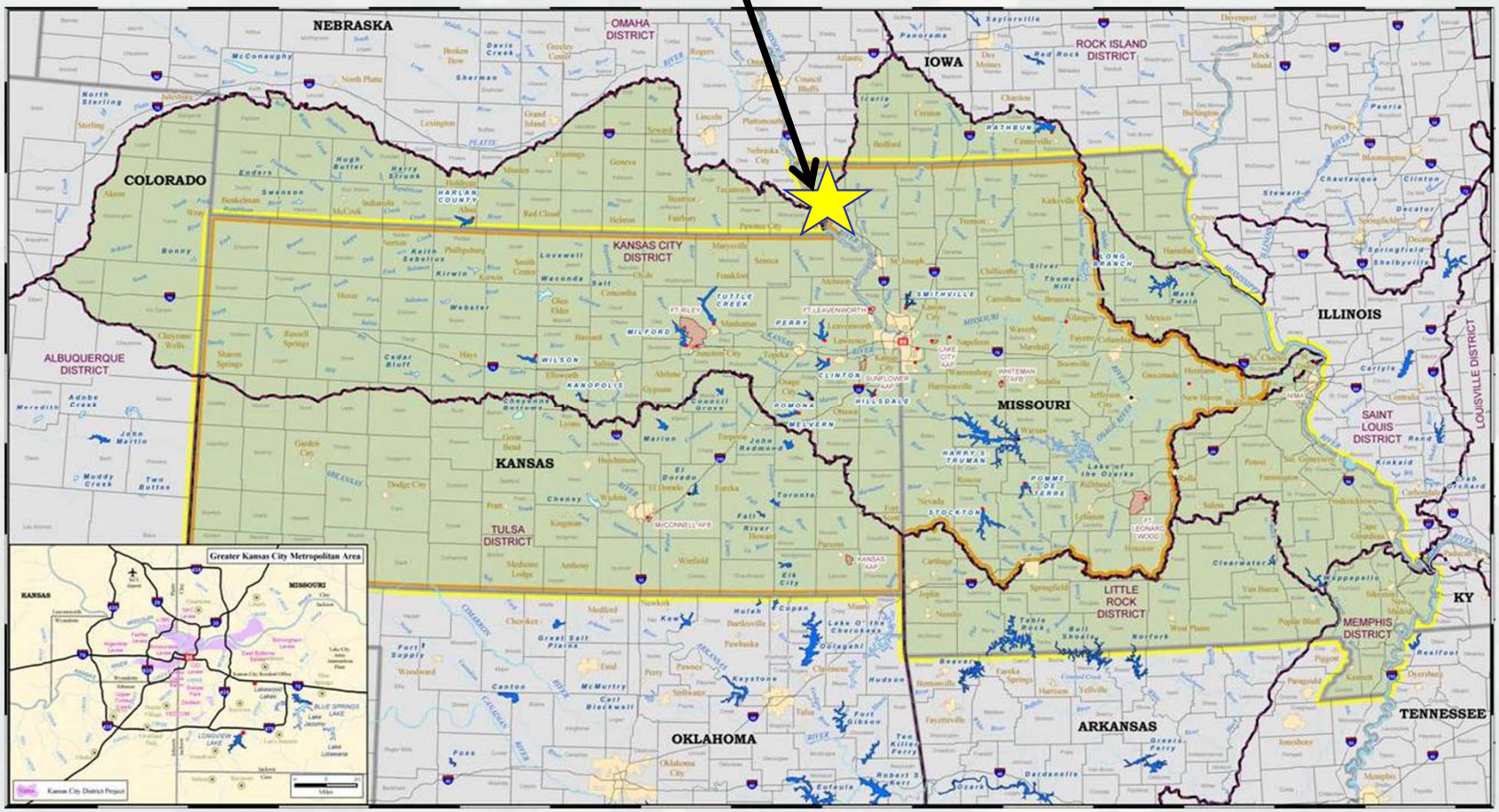
Indian Cave Bend



9 Nov 1934

19 Jun 1935

5 Oct 1935

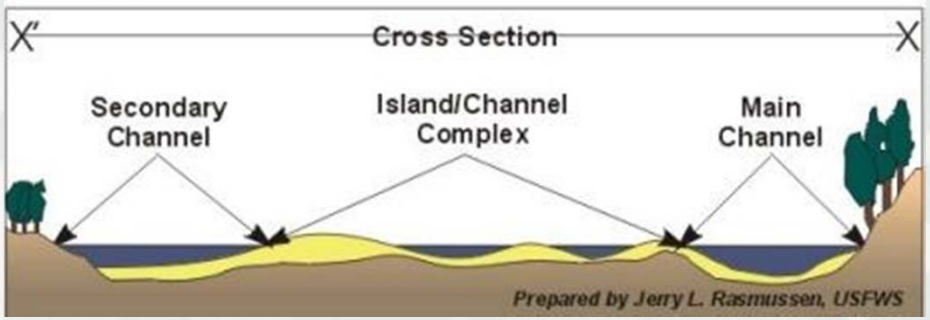
19 Aug 1936

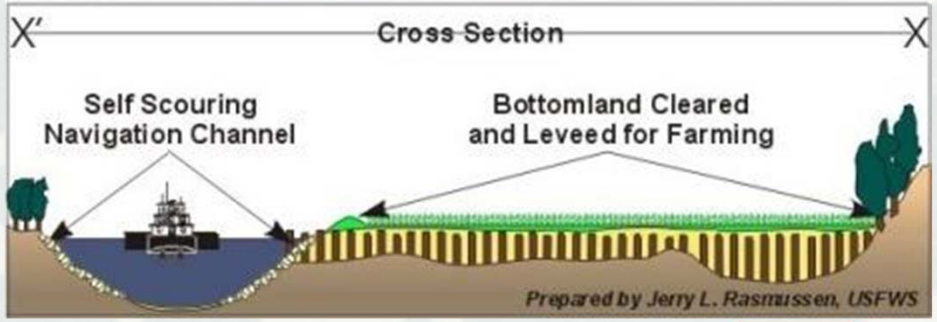
23 May 1946

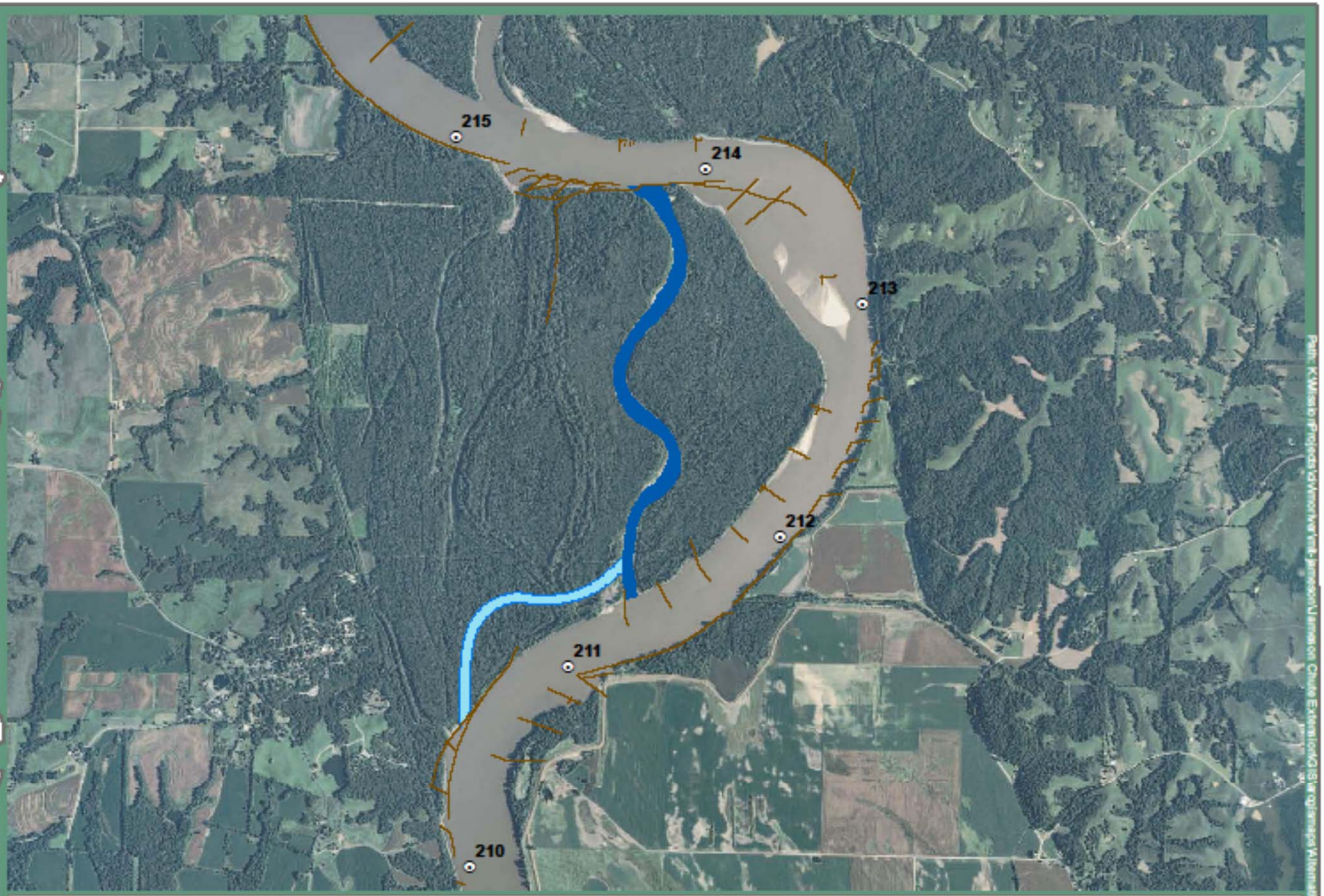
March1977

4 Nov 2003

Self-Scouring Channel







Jameson Island Potential Chute Extension Alternatives

MISSOURI RIVER RECOVERY PROGRAM

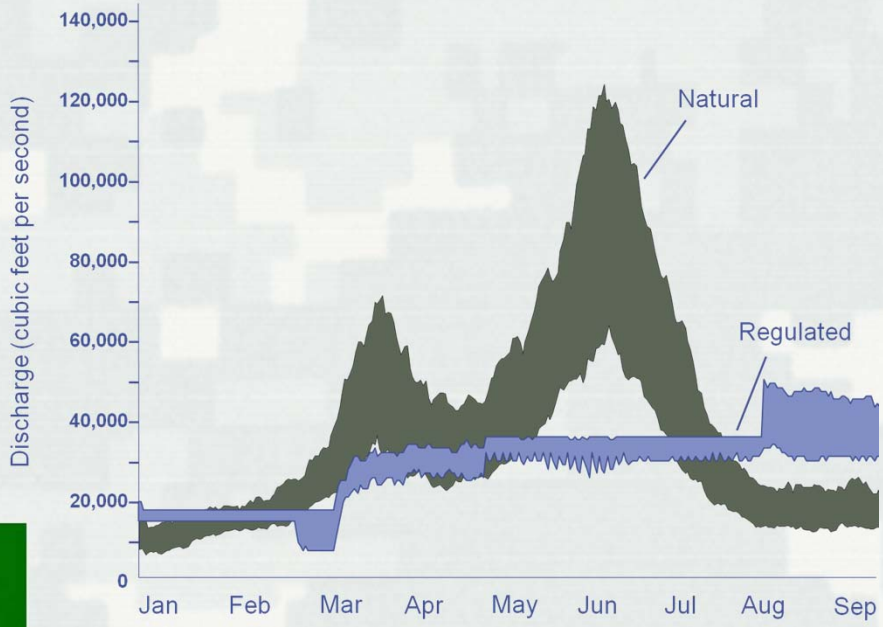
www.moriverrecovery.org

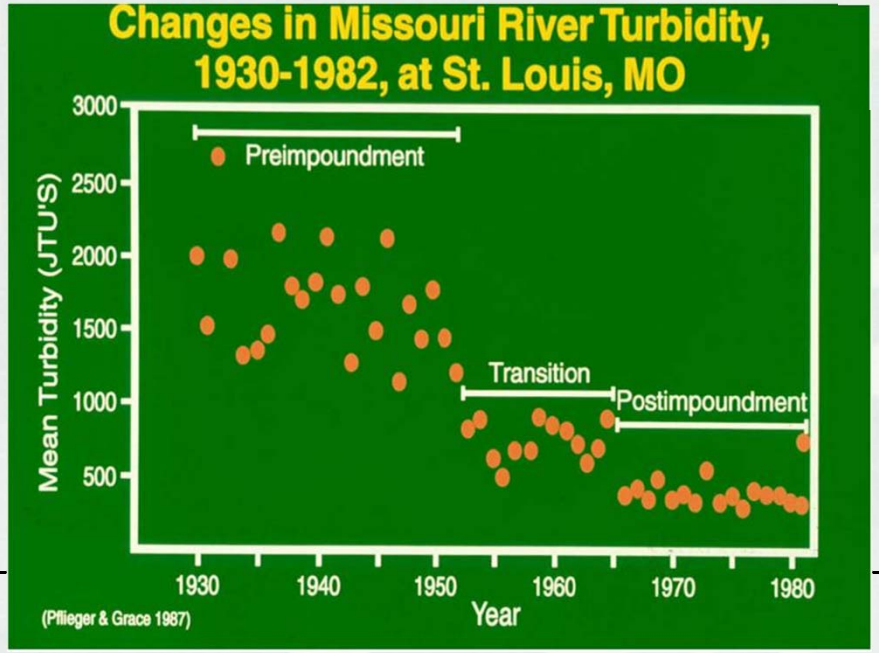
River Miles — Structures — Existing Jameson Chute — Potential Chute Extention

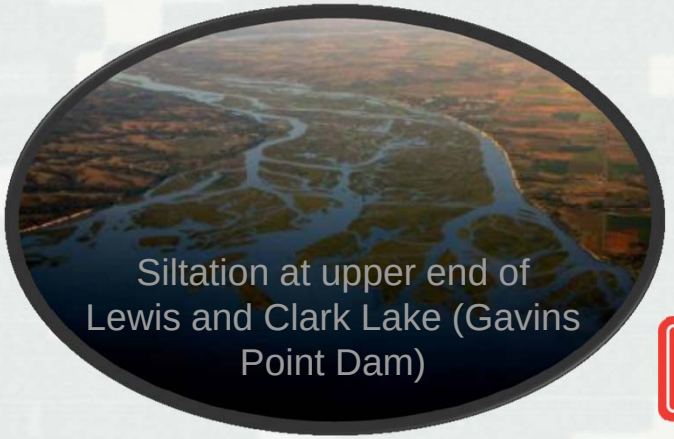
Imagery Date 2010

Flows, Sediment and Water Quality

- Lost floodplain connectivity and nutrient exchange, spawning cues, habitat conditioning
- Less sediment available to rebuild habitat, lost turbidity changes water quality and allows sight feeders to have an advantage
- Water temperature below dams

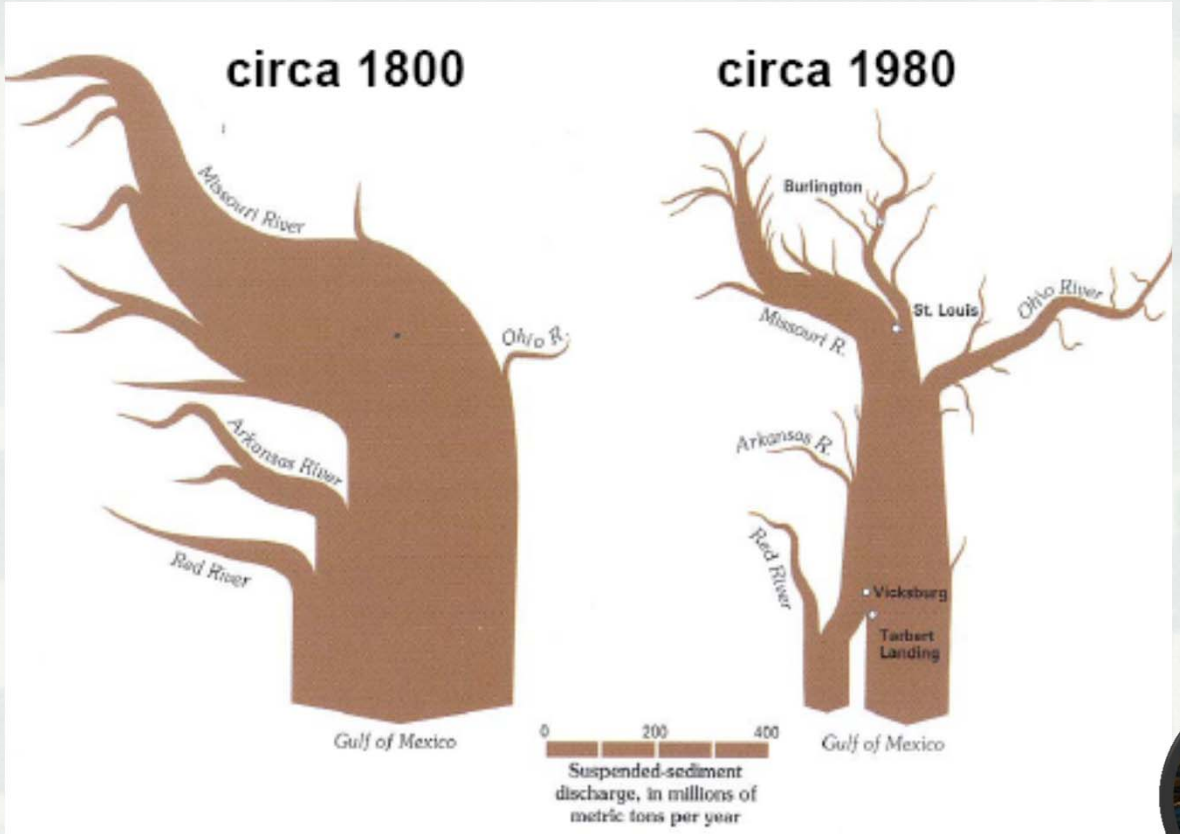






Siltation at upper end of Lewis and Clark Lake (Gavins Point Dam)

Sediment: Missouri Relative to the Mississippi River Load

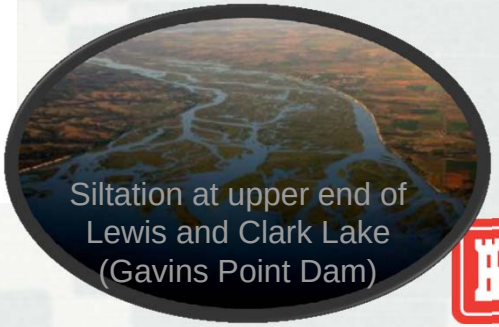


Approx 325 of 400 Million tons / year

Approx 75 of 150 Million tons / year

Over 5.5 million acre-feet of sediment deposited into reservoirs and within the BSNP

Since the 1930s coastal Louisiana has lost over 1.2 million acres of land



Siltation at upper end of Lewis and Clark Lake (Gavins Point Dam)