

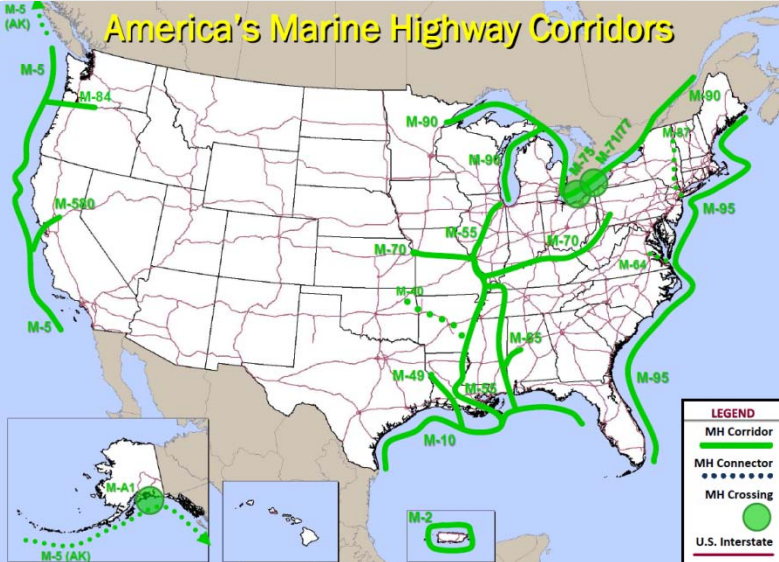
Maritime Performance: Reliability from Measures to Markets



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The Missouri River

- The system
- The management
- Reliability
- Consequences
- Recommendations

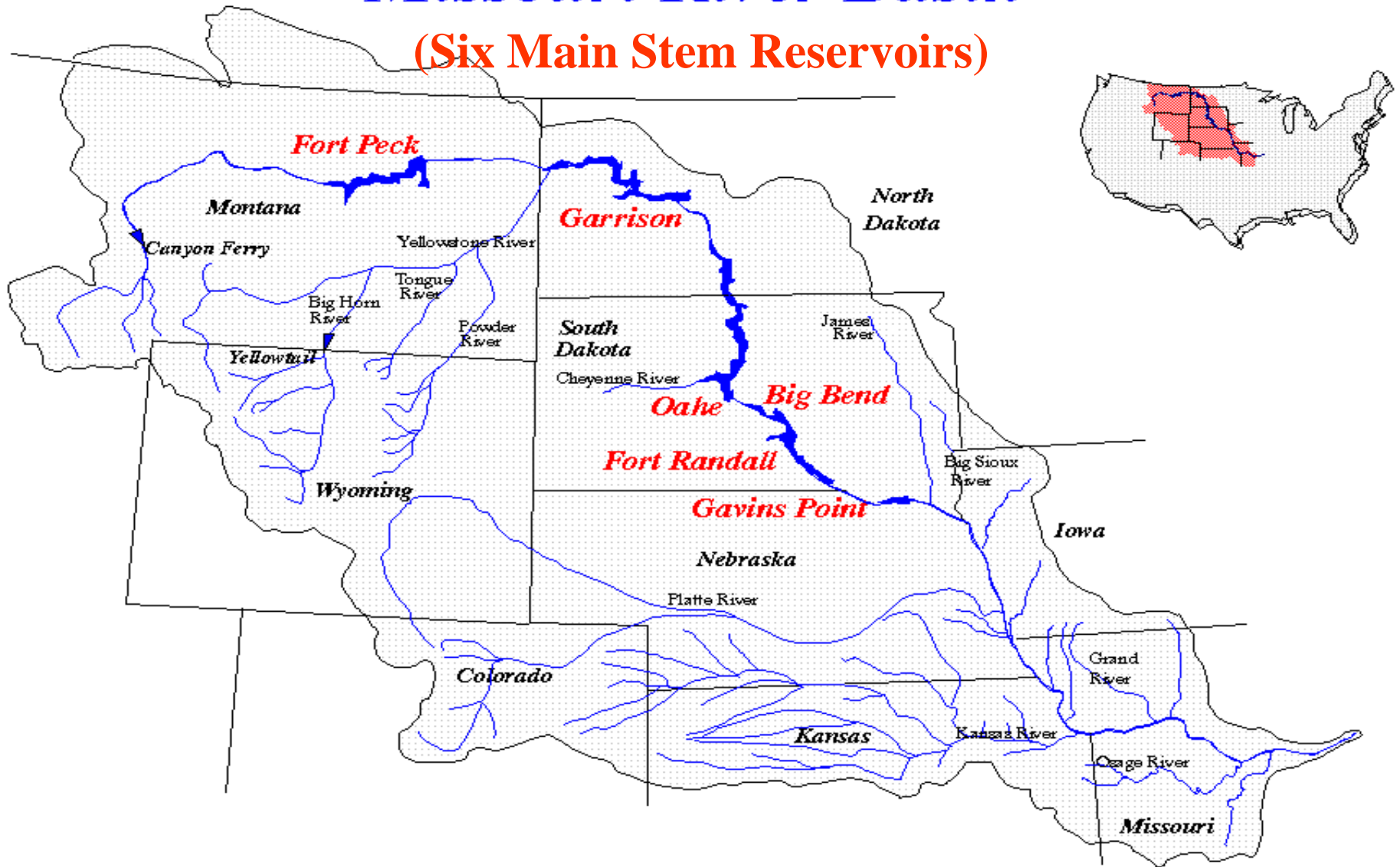


GeorgeCalebBingham.org **Fur Traders Decending
the Missouri**



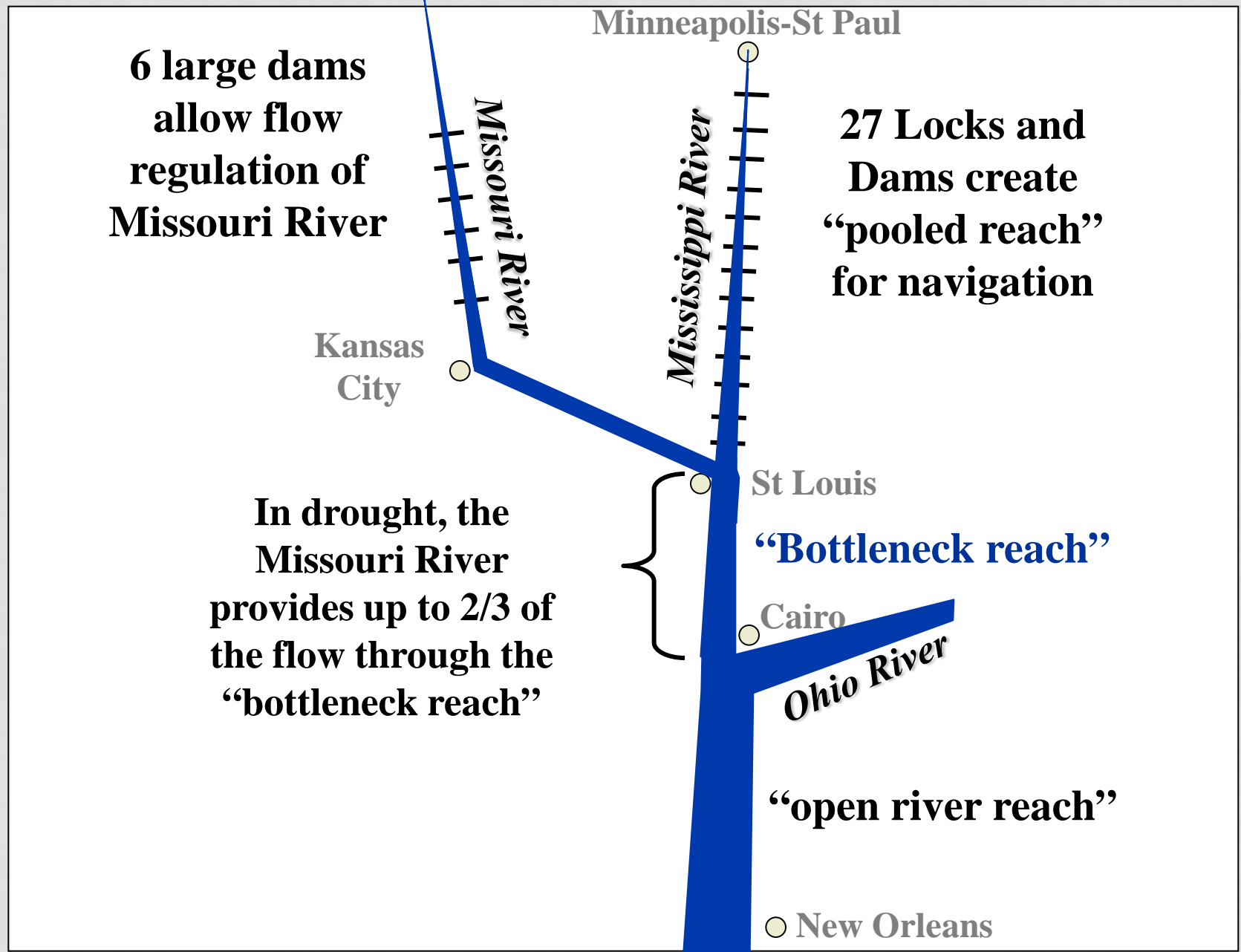
Missouri River Basin

(Six Main Stem Reservoirs)



The Missouri River System

Diagram of Mississippi River Flow During Drought



Management of the System-a balancing act



Missouri River Provides Many Benefits



Recreation



Power Generation



Flood Reduction



Fish & Wildlife



Water Supply



Commerce / Transportation



Agriculture



Reliability on the Missouri



Reliable, unreliable – who's to say and what does it mean to business and shippers?

- Reliable: “we tell you when the water starts, how much is coming, how long the season will last and provide updates as conditions change. I would say that is pretty reliable”
- Unreliable: How can I buy the equipment I need to run on the river if I can only use it this season?”
- “Nobody is coming back after the that tow got stuck up there”
- “That River has a bad reputation”



“There is no economist outside of some tropical island paradise who believes that the central feature of a plan to ensure the economic success of a country is to promote fun at the expense of economic development,” Bond said.

Missouri Senator Kit Bond

Missouri River Flooding 2011: South Dakota Residents Told Evacuation Could Last 2 Months (VIDEO)

“It is unfair that a couple of rusty barges hold the entire system hostage to move a few loads of grain.”

Citizen comment in newspaper



OPINION

SUNDAY, OCTOBER 22, 2006

What are the
Consequences
of multiple
agendas,
climate and
management?

What does
the lack of
market
reliability
mean?

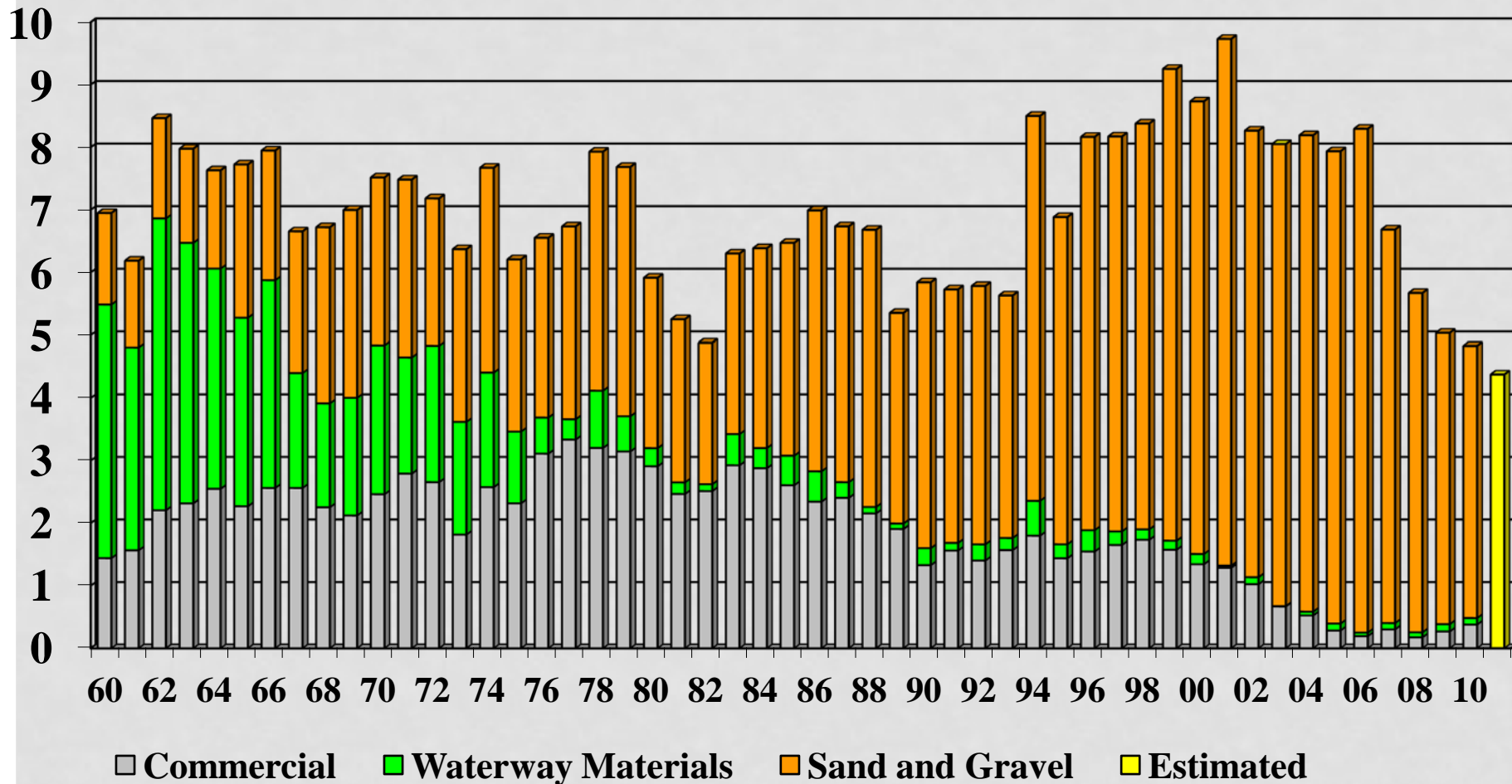


COMMENTARY

JEFFERSON CITY, MO
News  Tribune

MISSOURI RIVER TOTAL NAVIGATION TONNAGE

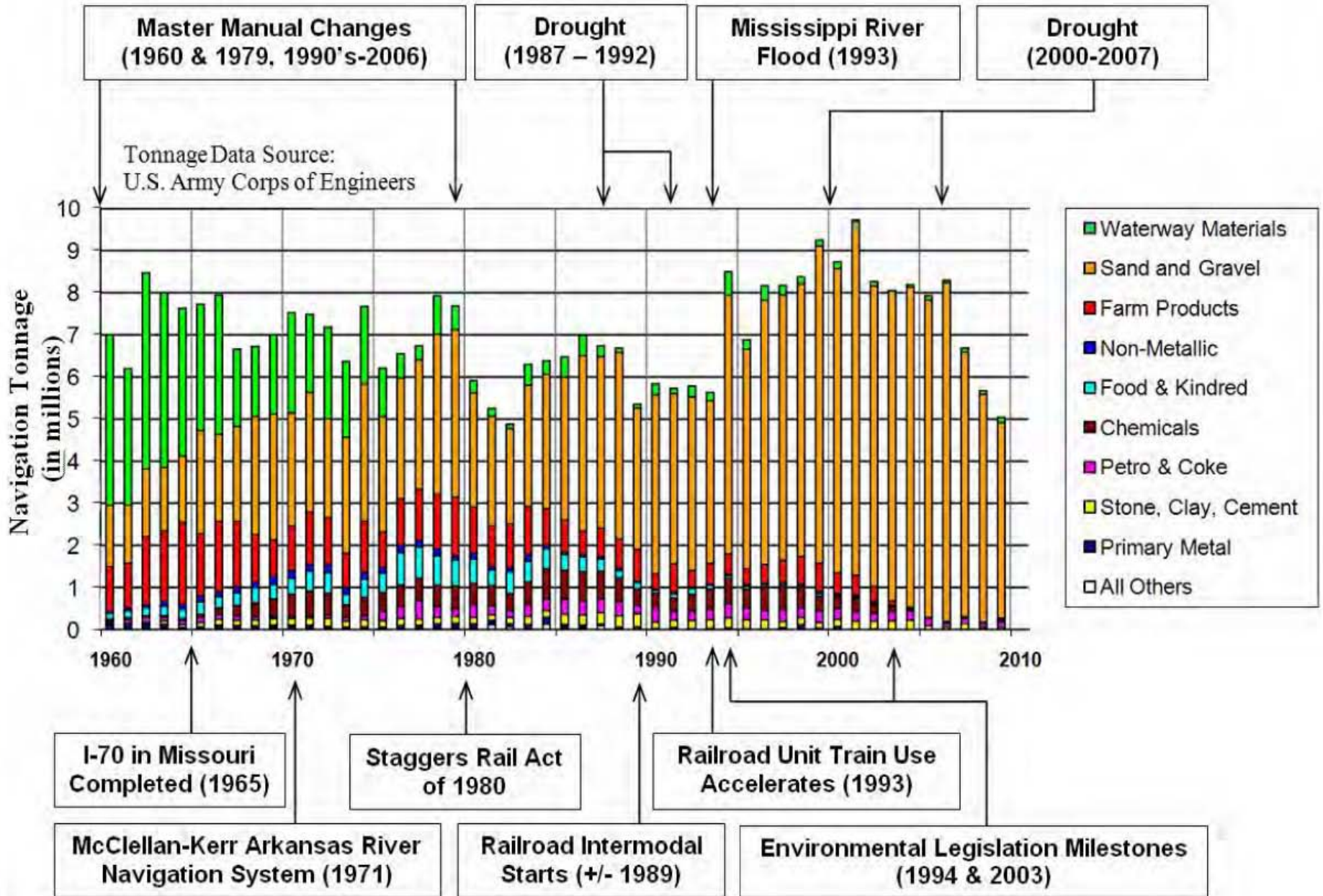
Million Tons



Peak Total Tonnage 2001 - 9.73 Million Tons

USACE slide.

Missouri River Historic Timeline



SEVENTY PERCENT (70%) OF MISSOURI'S ECONOMY IS LOCATED WITHIN A HALF-HOUR DRIVE OF THE MISSOURI AND MISSISSIPPI RIVERS



NEW MADRID COUNTY PORT AUTHORITY



\$1.15M State
\$2.15M
Federal
\$100K Local
\$50.0M Private
\$53.4M Total



Commodity	Tons Shiftable to Water
Traditional Markets:	
Agricultural Dry Bulk	615,000
Salt, Cement, Clay, & Fertilizer Products	193,000
Emerging Markets:	
Waste Scrap	100,000
Coal	114,000
DDGS	50,000
Alfalfa Pellets	50,000
Liquid Fertilizer	50,000
Ethanol	63,100
OD/OW	20,000
COB	70,000
<i>Total Shiftable to Water</i>	1,325,100





Moving forward with the Missouri System

- Traditional and Emerging Markets
- Infrastructure and economic Development
- Navigation Sustainability and Advocacy

OR





Additional Development Needs for Industry

- ✓ Multimodal National Freight Policy
- ✓ Multimodal freight corridors
- ✓ Use of performance measures
 - ✓ user defined



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Thank you!

