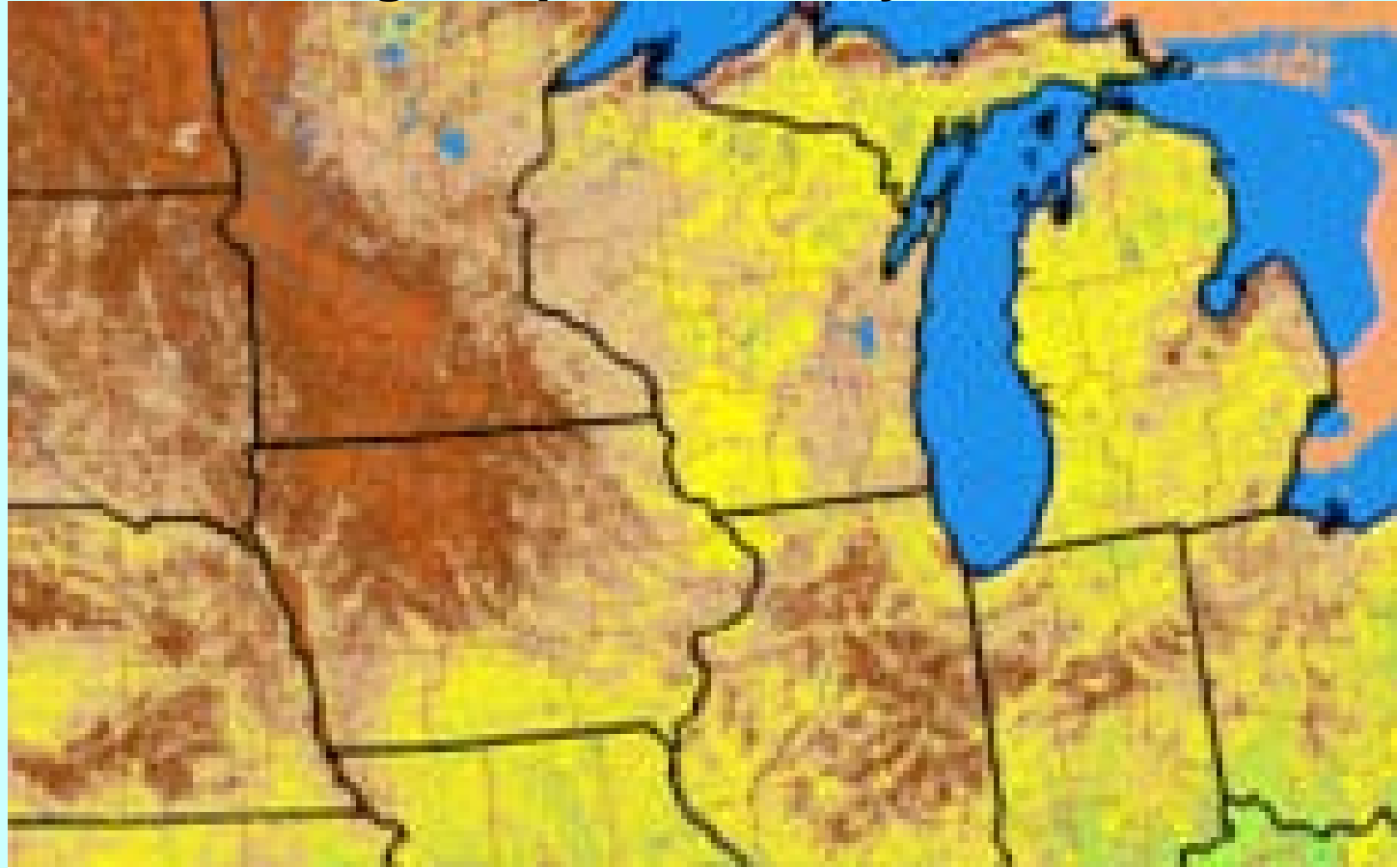




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# Agriculture: primarily monocultures of annuals

## Satellite image of plant activity in the Corn Belt

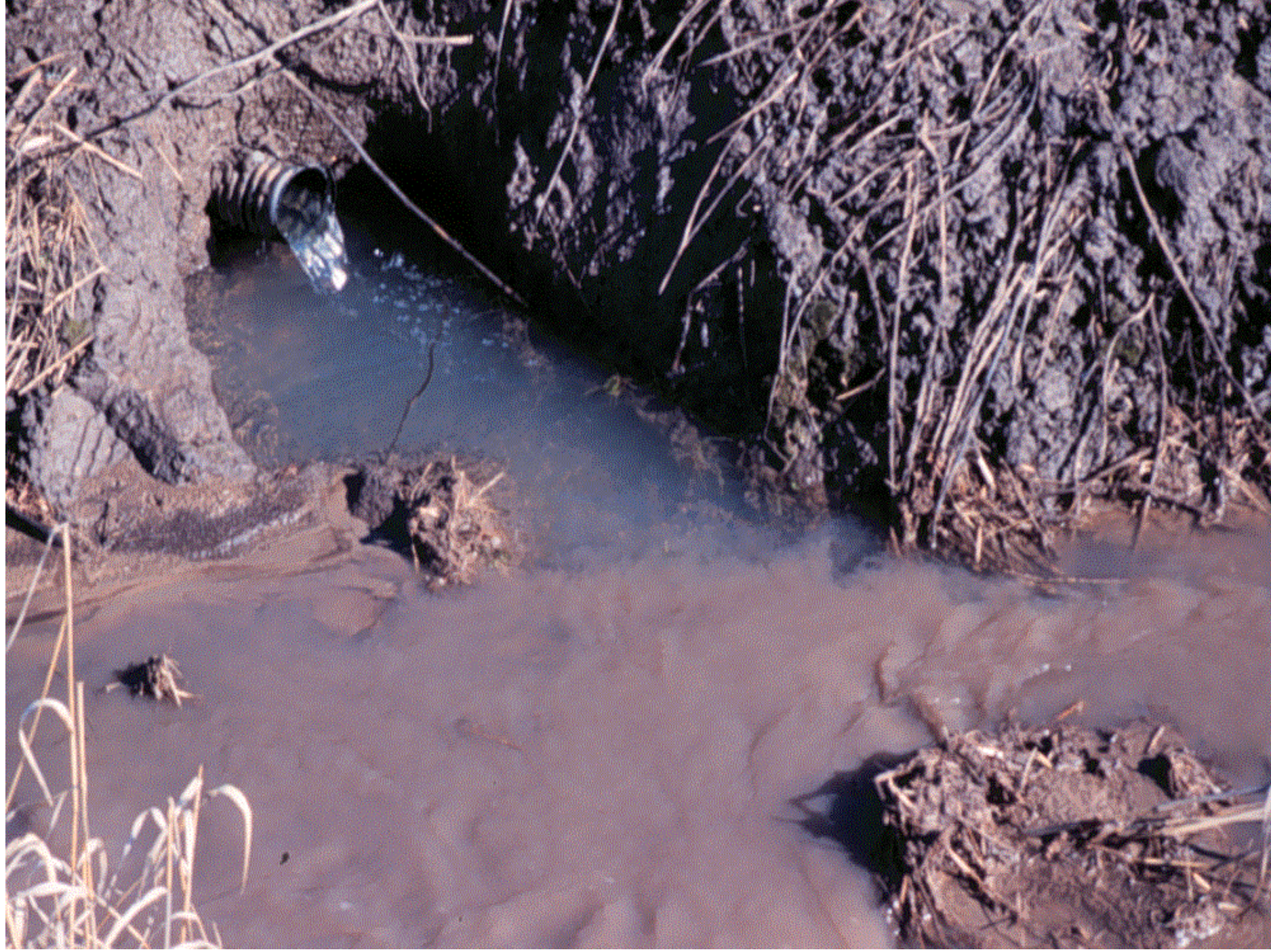


**April 6 – April 19**



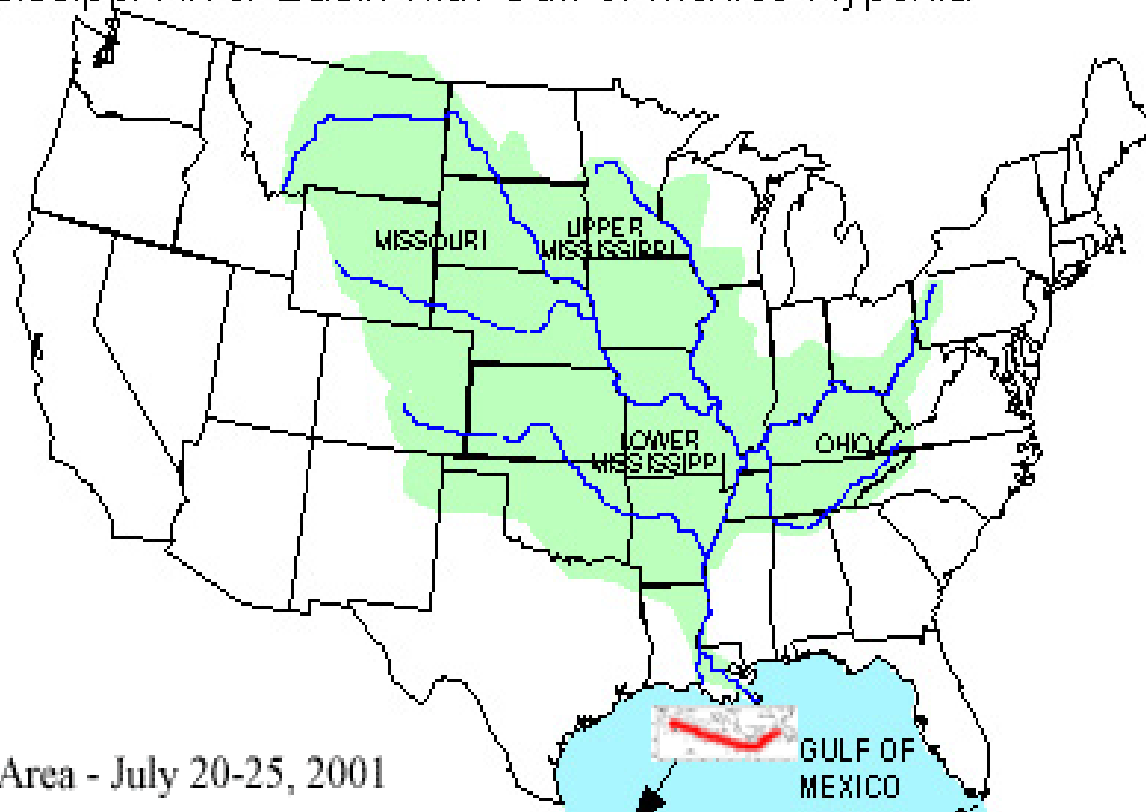




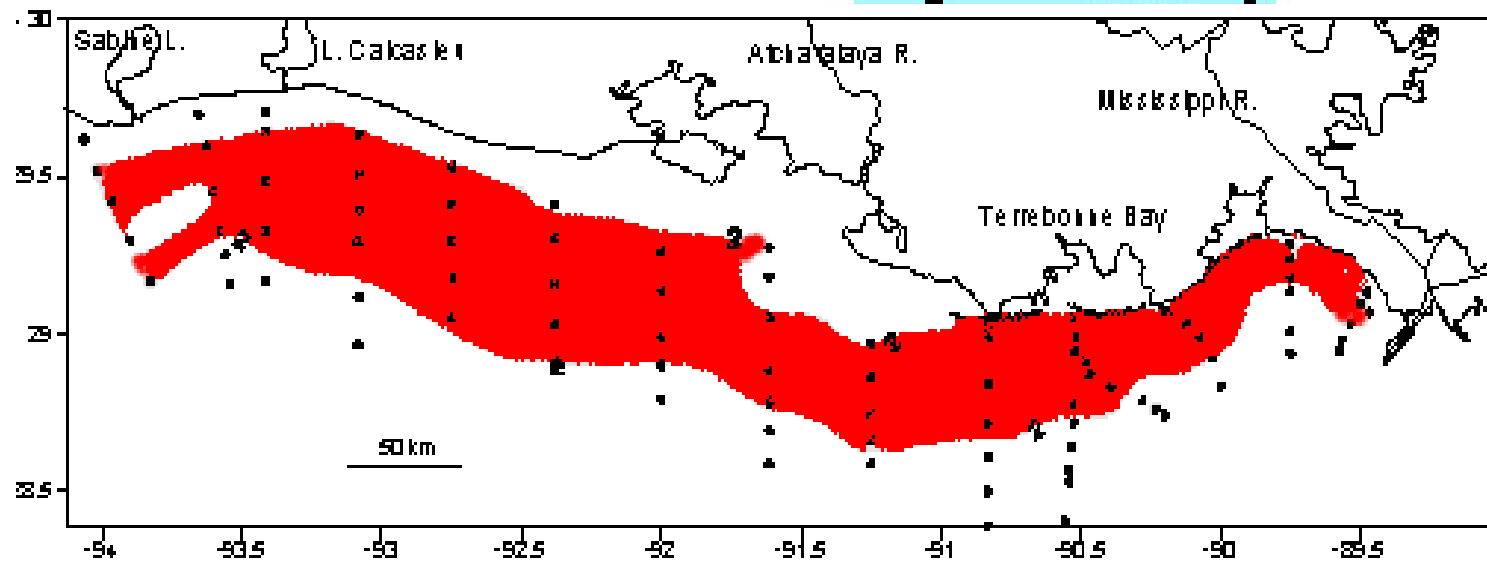




# Mississippi River Basin with Gulf of Mexico Hypoxia



Hypoxia Area - July 20-25, 2001



# A Different Planet

**“In most parts of the world, human activities, and agriculture in particular, have resulted in decreases in net primary productivity from the levels that likely existed prior to human management.”**

**(Field, 2001, Science)**

# “Confronting the Human Dilemma”

Millennium

Ecosystem

Assessment (MEA)

– a U.N. sponsored  
assessment of the  
state of the planet

Agriculture: the “largest  
threat to biodiversity and  
ecosystem function of any  
single human activity.”

Conclusion:

Production at the expense of  
conservation

OR

Conservation at the expense of  
production.



# A Different Planet

**“In most parts of the world, human activities, and agriculture in particular, have resulted in decreases in net primary productivity from the levels that likely existed prior to human management.”**

**(Field, 2001, Science)**



















# Conclusion:

Conservation as the consequence  
of production is possible





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