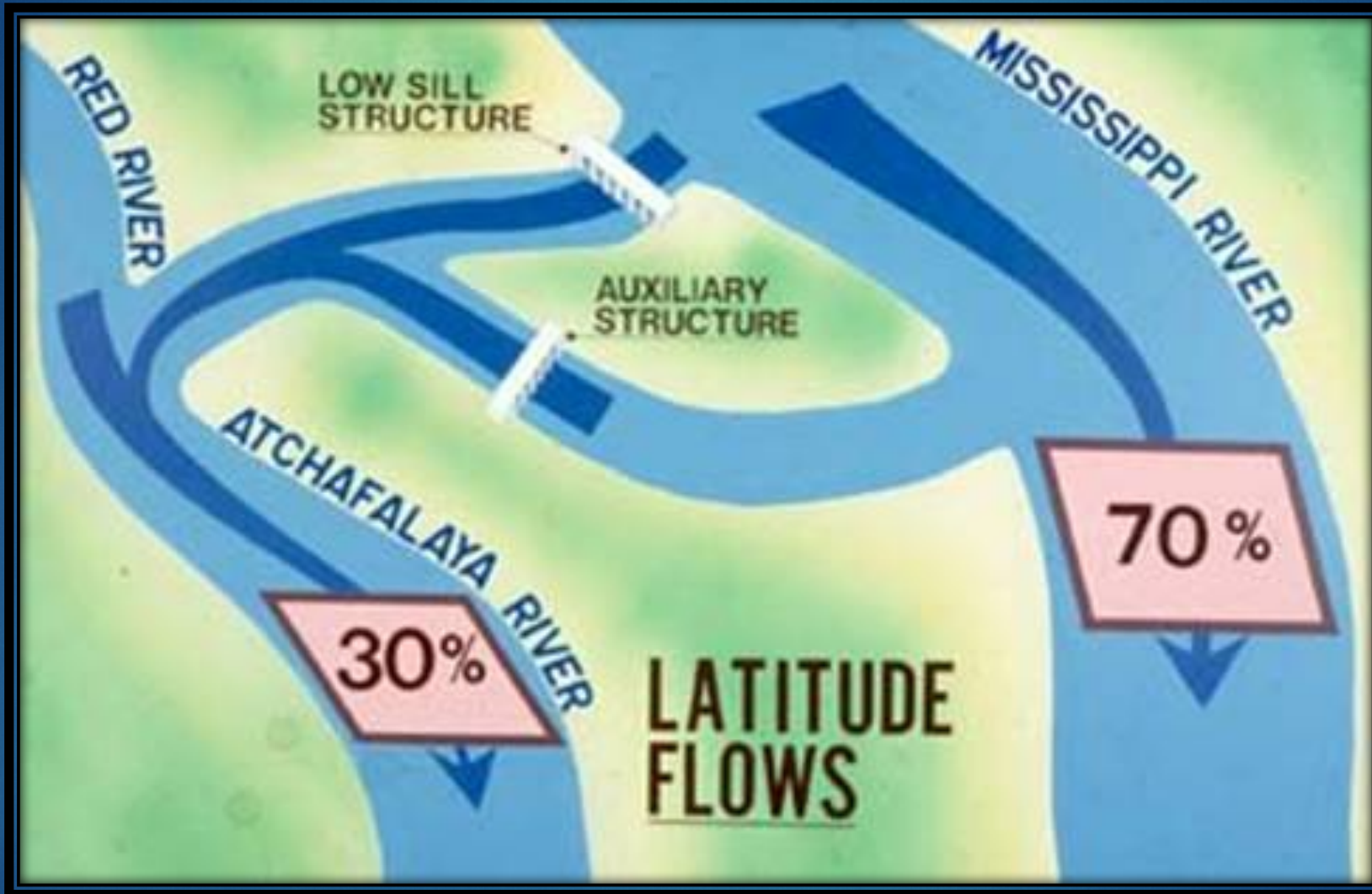


# Use Old River Control Complex for Flood Control

MRC PRESENTATION

APRIL 7, 2017







# ORCC: Capacity & Crest at Baton Rouge

## 2016 MS River Flood

- 75% Capacity for a week / cut while still above flood stage
- 43 ft. Crest



## Corps Model of 2016 MS River Flood

- 100% Capacity for 3 weeks
- 34.7 ft. Crest (8.3 ft. lower )

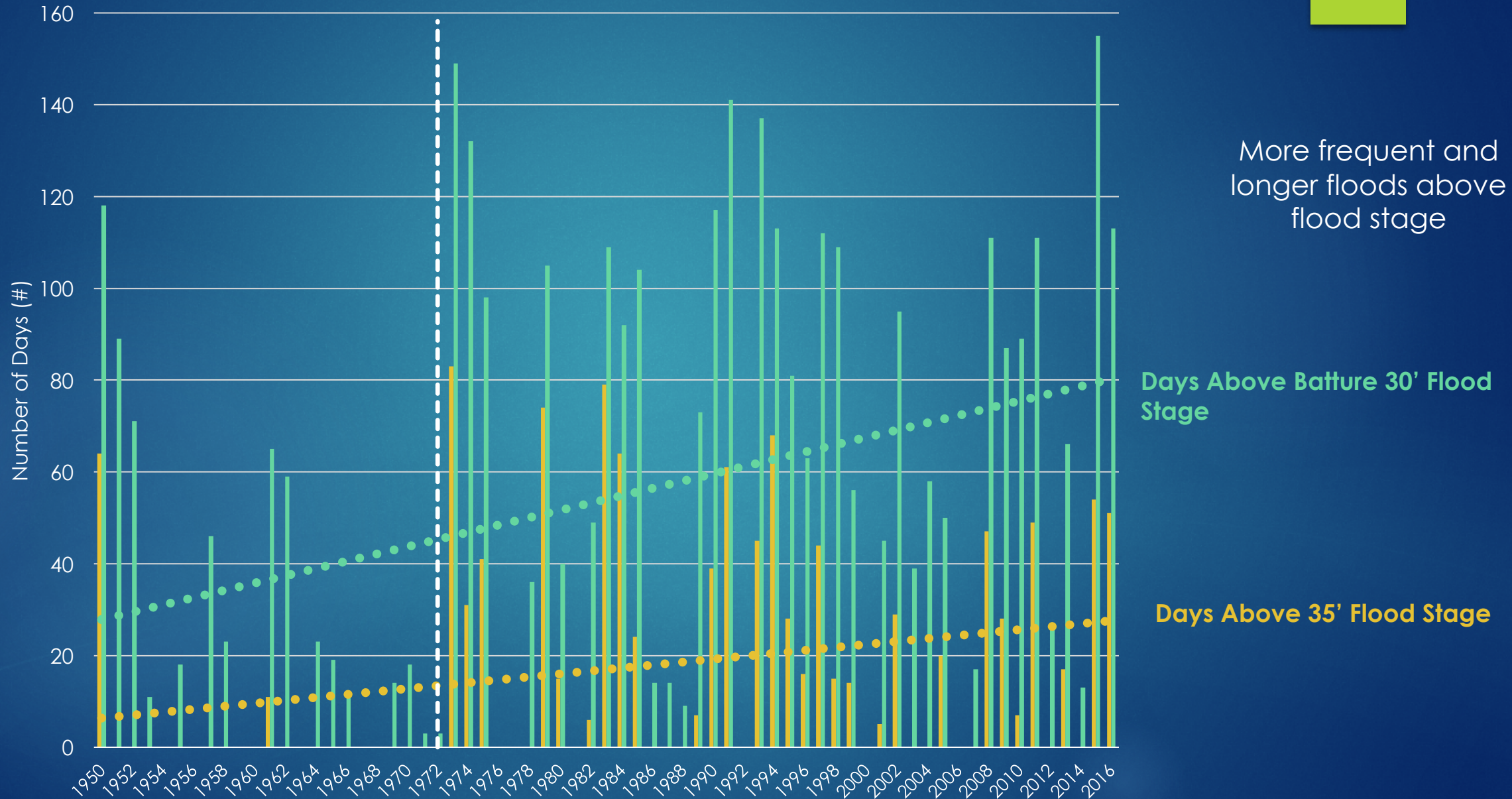


**Conclusion: ORCC can reduce the height and duration of floods.**



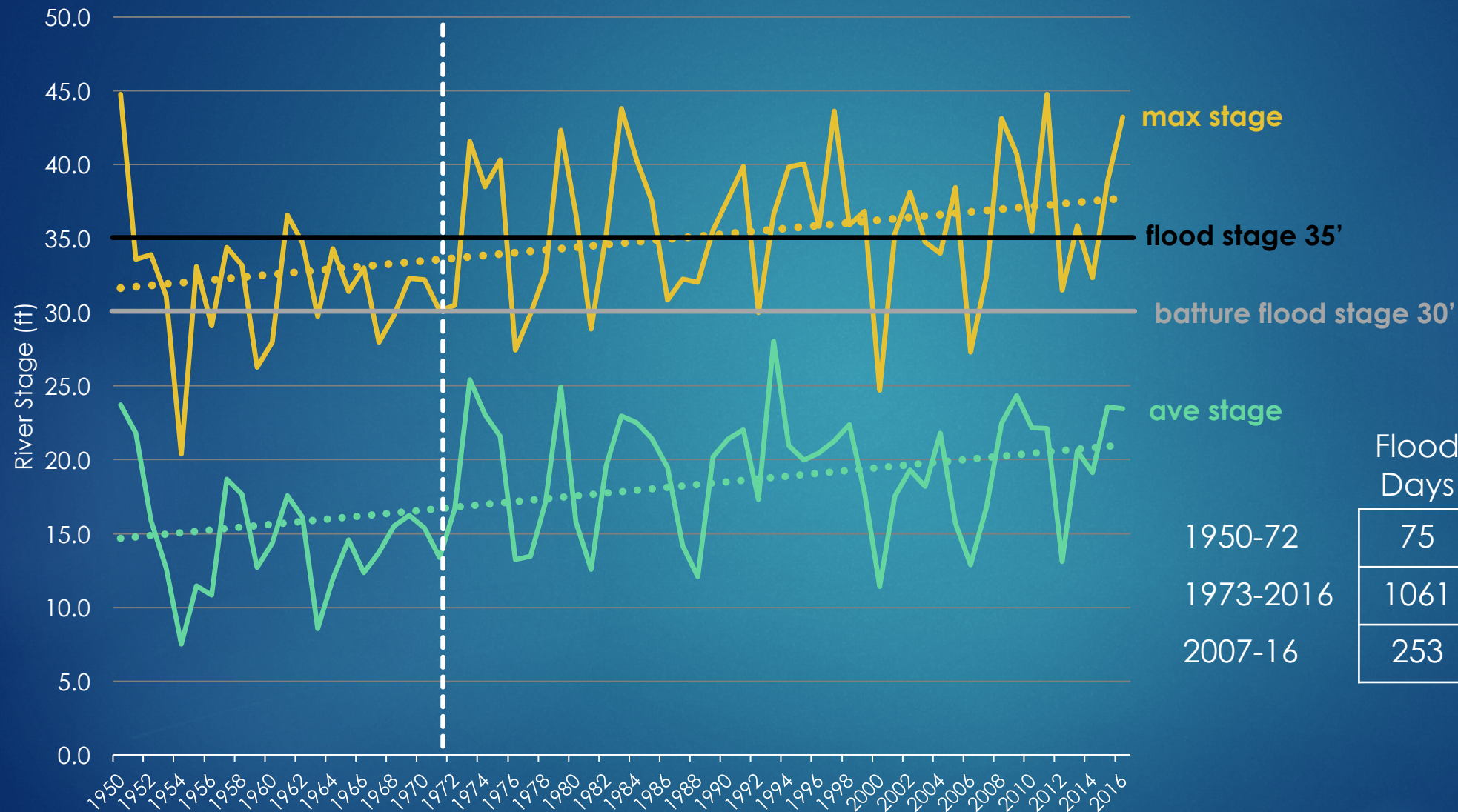
# Baton Rouge Gage 1950-2016

## # of days above 30' and 35' per year





# Baton Rouge River Gage Stage Trends 1950 -2016



	Flood Days	Days/Year	Flood Years	
1950-72	75	3.3	2/23	9%
1973-2016	1061	24.1	29/44	66%
2007-16	253	25.3	7/10	70%



# Atchafalaya Outlet

- Shorter
- Steeper
- Faster
- Flood Easements





# Use ORCC To Prevent & Relieve Floods

- ▶ FCA 1954 – outdated / time to change
- ▶ Increase the Mississippi's discharge
- ▶ Stop the rising river
- ▶ Relieve major floods
- ▶ Reduce batture flooding
- ▶ Safer, better and fairer



THE END

