

U.S. ARMY CORPS OF ENGINEERS

Chris Roark
Mike Biggs

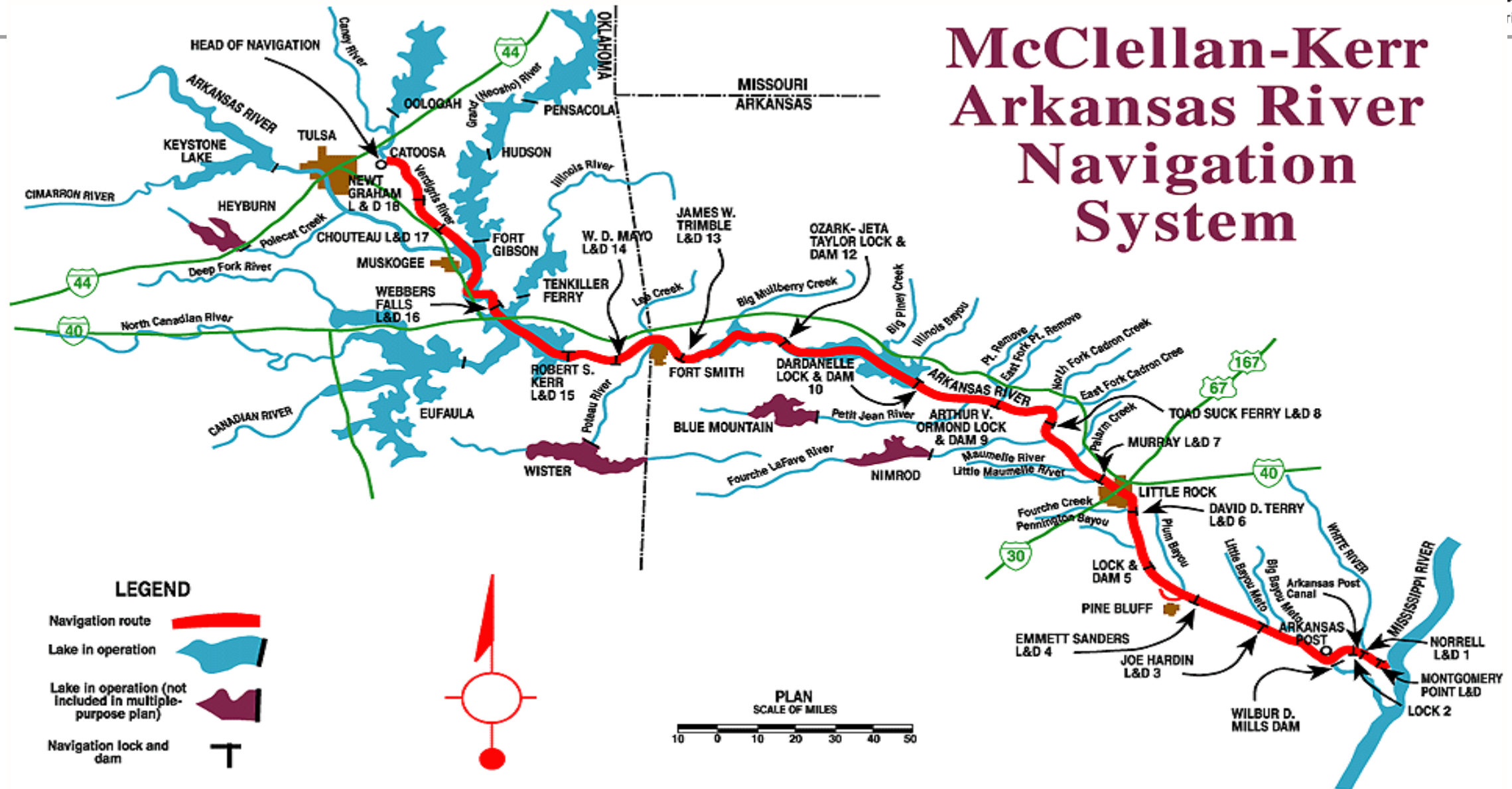
Little Rock District
21 August 2019

EXHIBIT E2







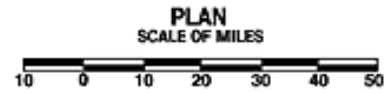
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McClellan-Kerr Arkansas River Navigation System

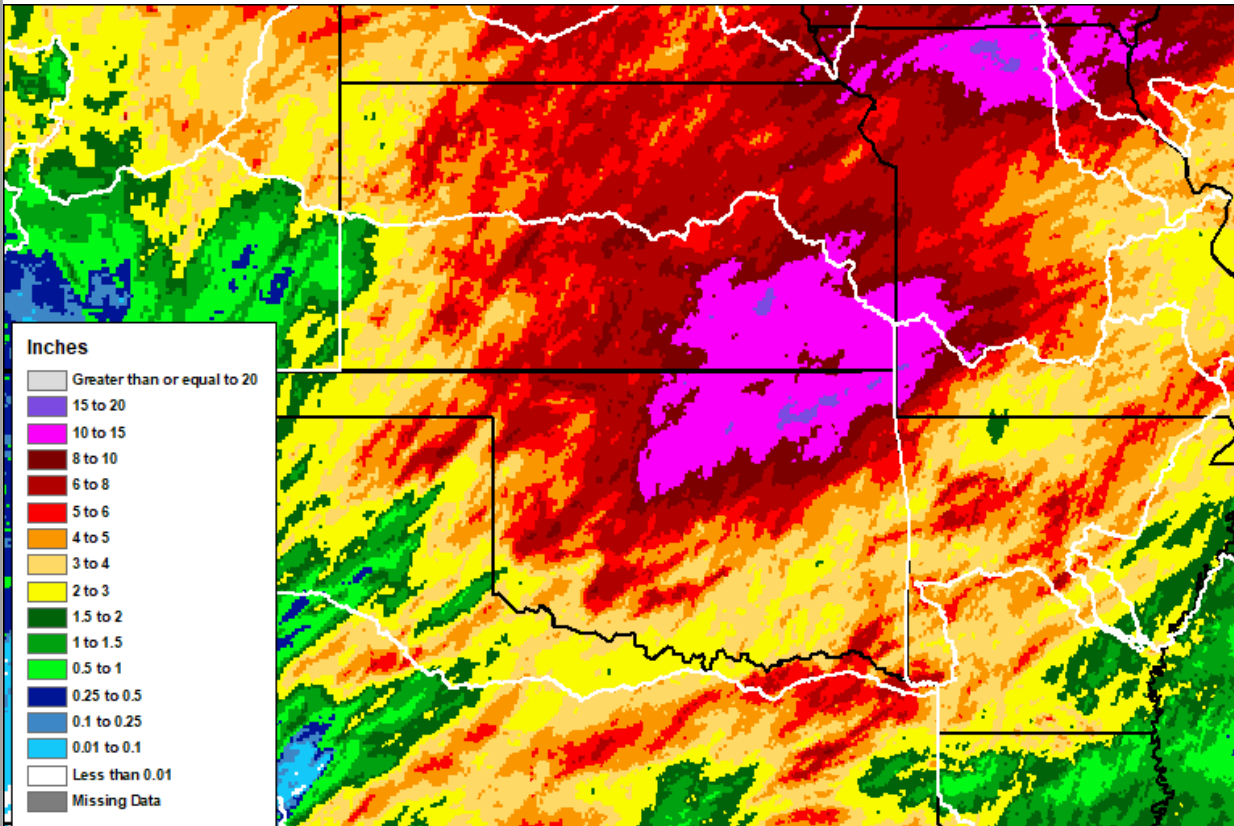


LEGEND

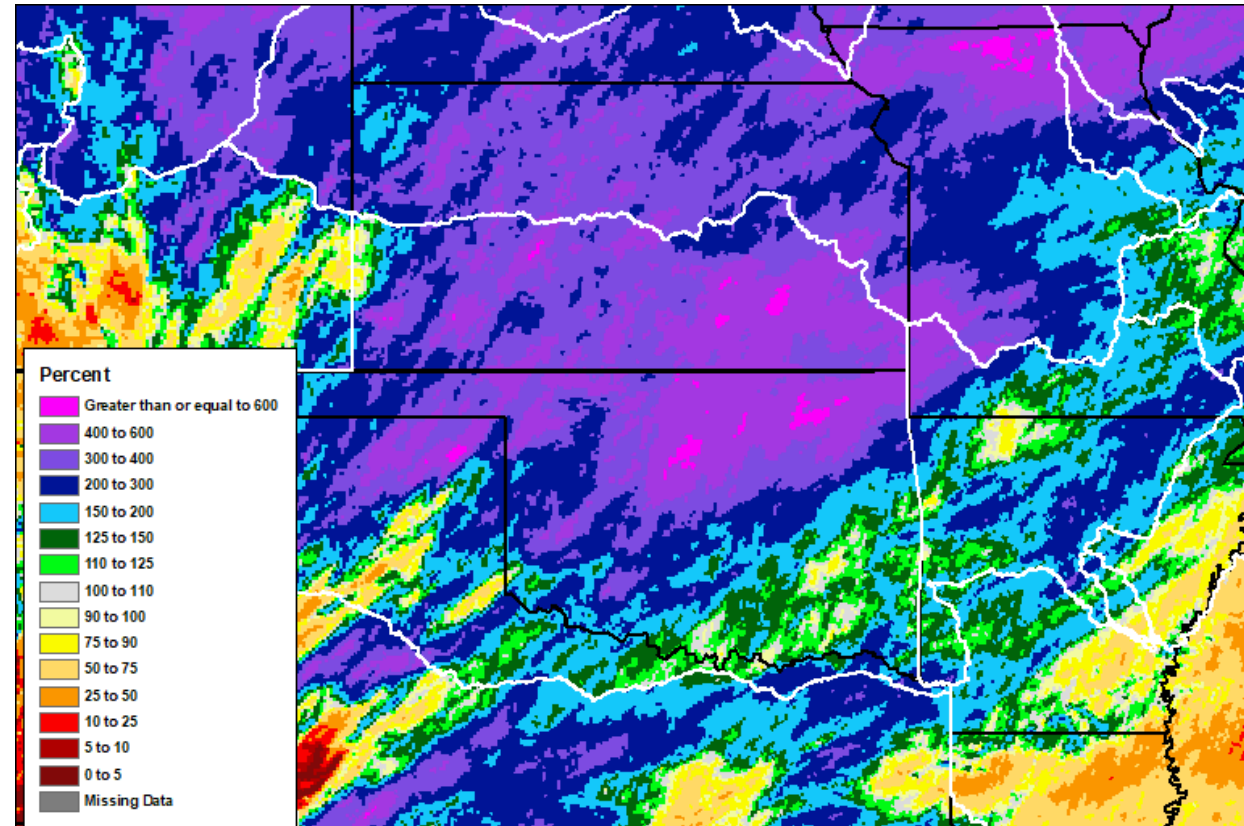
- Navigation route 
- Lake in operation 
- Lake in operation (not included in multiple-purpose plan) 
- Navigation lock and dam 



The 2019 Arkansas River Flood was an extreme rain event in lower Kansas and eastern Oklahoma



Inches of Rain for May 2019



Percentage above normal for May

TULSA LOWER ARKANSAS SYSTEM STORAGE



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THE FULL PIE IS 3,838,096.9 ac-ft OR 55%

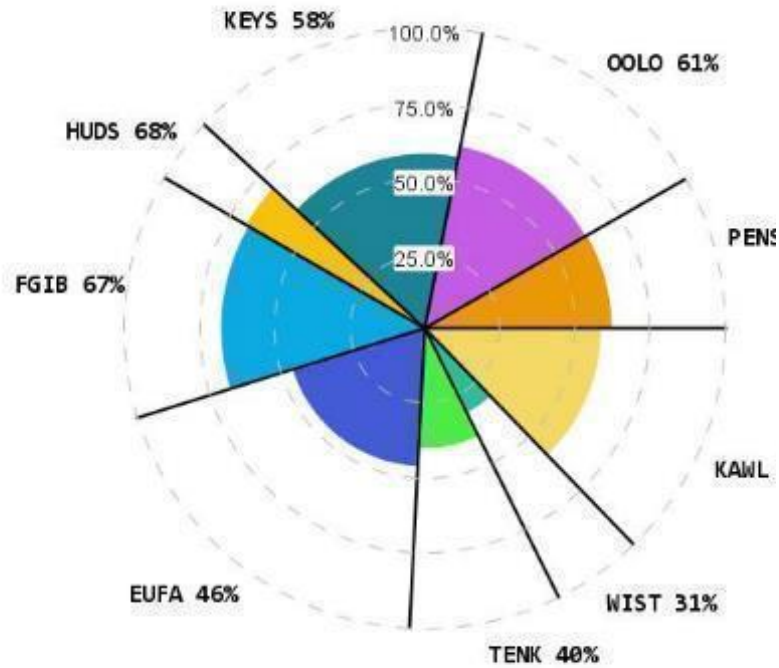


IMAGE DATE: Mon May 20 07:00:00 CDT 2019

THE FULL PIE IS 5,768,874.4 ac-ft OR 83%

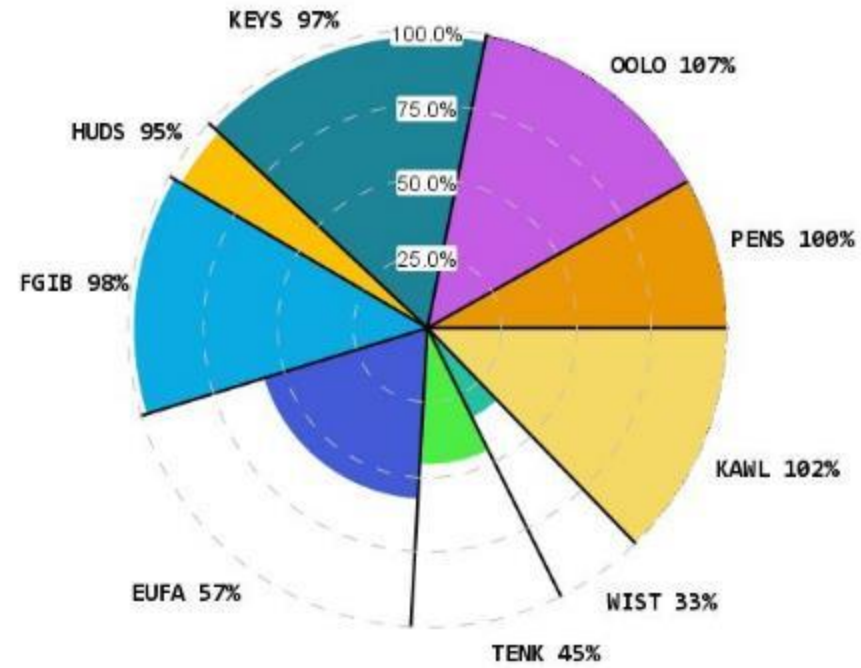
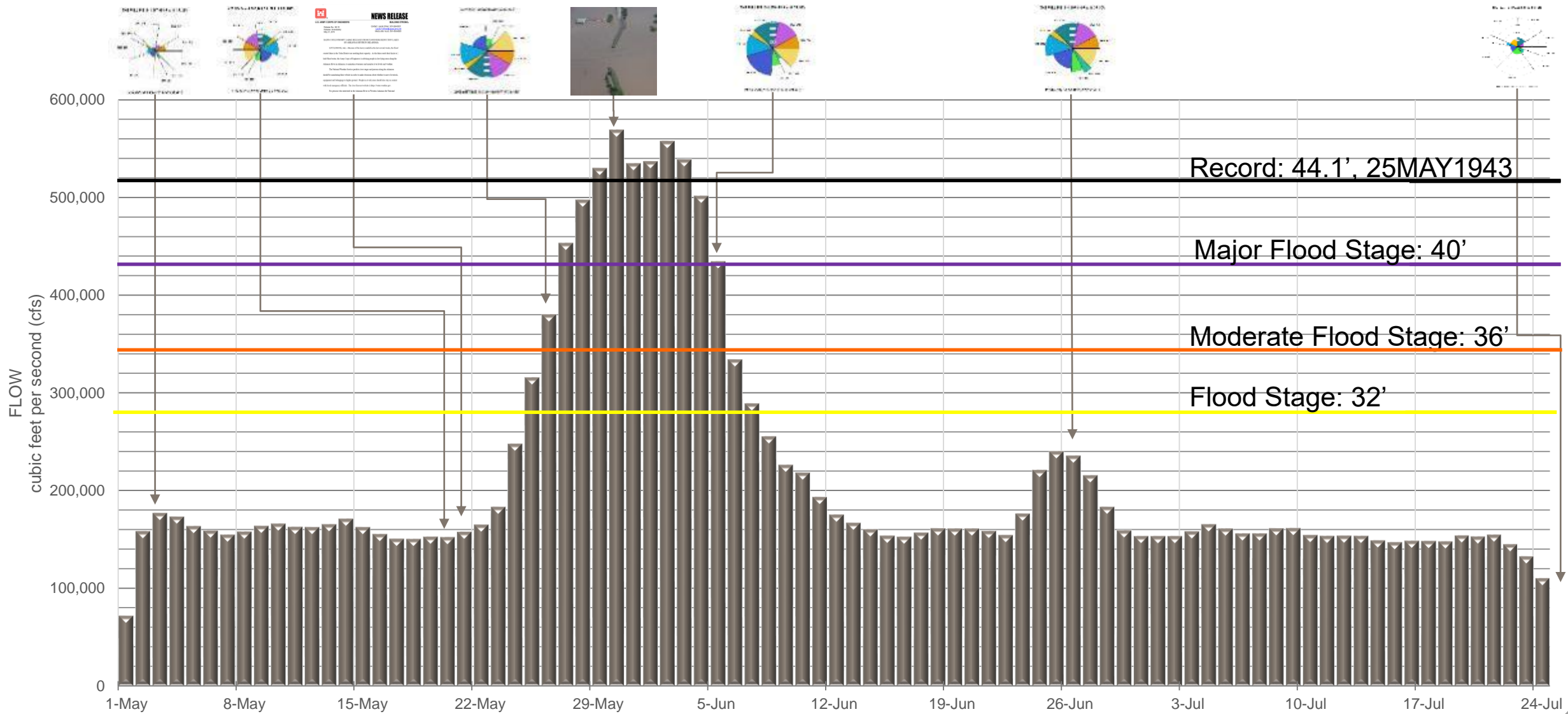


IMAGE DATE: Thu May 23 07:00:00 CDT 2019

2019 EVENT TIMELINE USING DARDANELLE'S HYDROGRAPH



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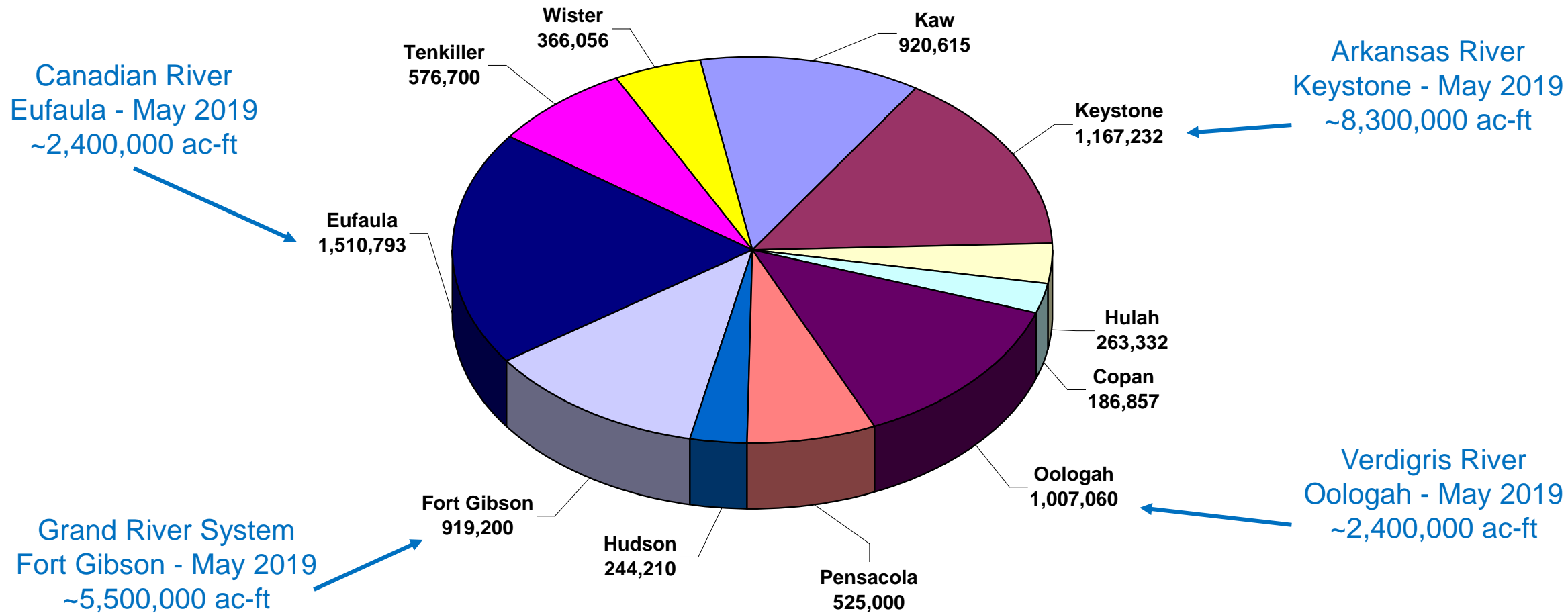
SYSTEM FLOOD STORAGE - 11 RESERVOIRS

(VS. INFLOW FOR MAY 2019)



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Based on Conservation Pool Elevations Total Flood Storage = 7,687,055 ac-ft



Arkansas Levees Condition Summary

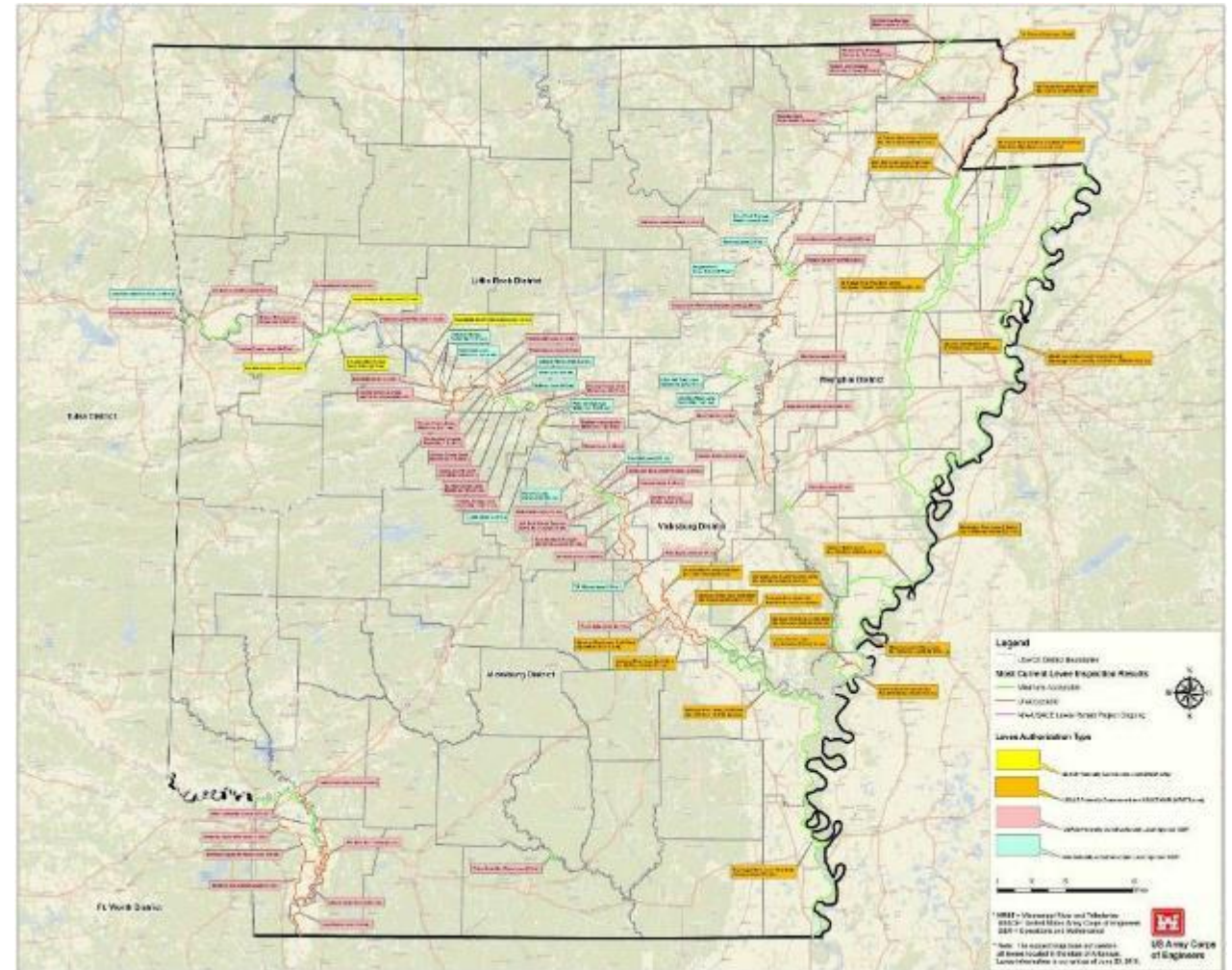


Statewide Statistics

Total Number of Levees	98
Acceptable/Minimally Acceptable	60
Unacceptable	38
Total Miles	1802

Arkansas River Levees

Total Number of Levees	38
Acceptable/Minimally Acceptable	25
Unacceptable	13
Total Miles	363



LEEVE DAMAGE ASSESSMENTS (IN-PROGRESS)



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Project	County	Fed / Non-Fed	Level of Protection	BCR
Conway Co. Levee District No. 6	Conway	FED	500	39.9:1
Crawford Co. LD	Crawford	FED	100	41.1:1
Faulkner County	Faulkner	FED	500	34.7:1
McLean Bottom Levee District No. 3	Logan	FED	500	7.4:1
Perry Co. Levee District No. 1	Perry	non-Fed	25	1.82:1
Pope County LD#2	Pope	FED	500	42.03:1
Southern Enterprise Private Levee	Sebastian	Non-Fed	100	
Bayou Meto Basin L&PS	Pulaski	FED		
Conway Co. Levee District No. 1	Conway	FED	500	
Conway Co. Levee District No. 3	Conway	FED	500	
Conway Co. Levee District No. 7	Conway	FED	500	
Fort Smith LD #1	Sebastain	FED	100	
Fourche Island DD#2	Pulaski	FED	500	
Little Rock - Pulaski DD#2	Pulaski	FED	500	
N. Little Rock L&FW	Pulaski	FED	500	
Van Buren LD #1	Crawford	FED	100	
Riverdale Private Levee	Pulaski	non-Fed	100	