

U.S. ARMY CORPS OF ENGINEERS

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Little Rock District
1 August 2019

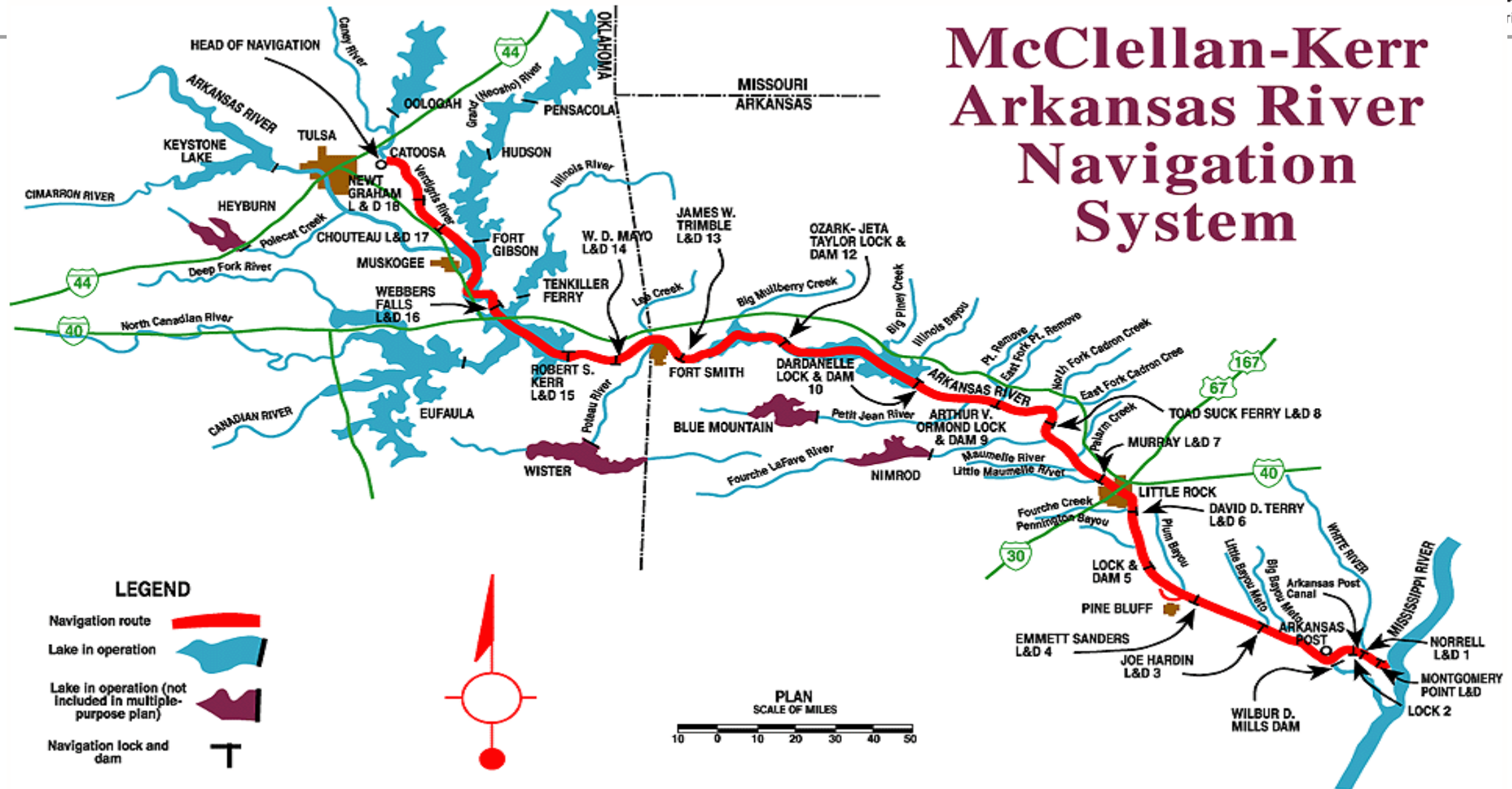


US Army Corps
of Engineers®
Little Rock District





EXHIBIT-K 8-1-19
Roark-US Army Corps of Engineers

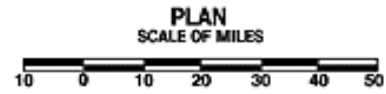


McClellan-Kerr Arkansas River Navigation System

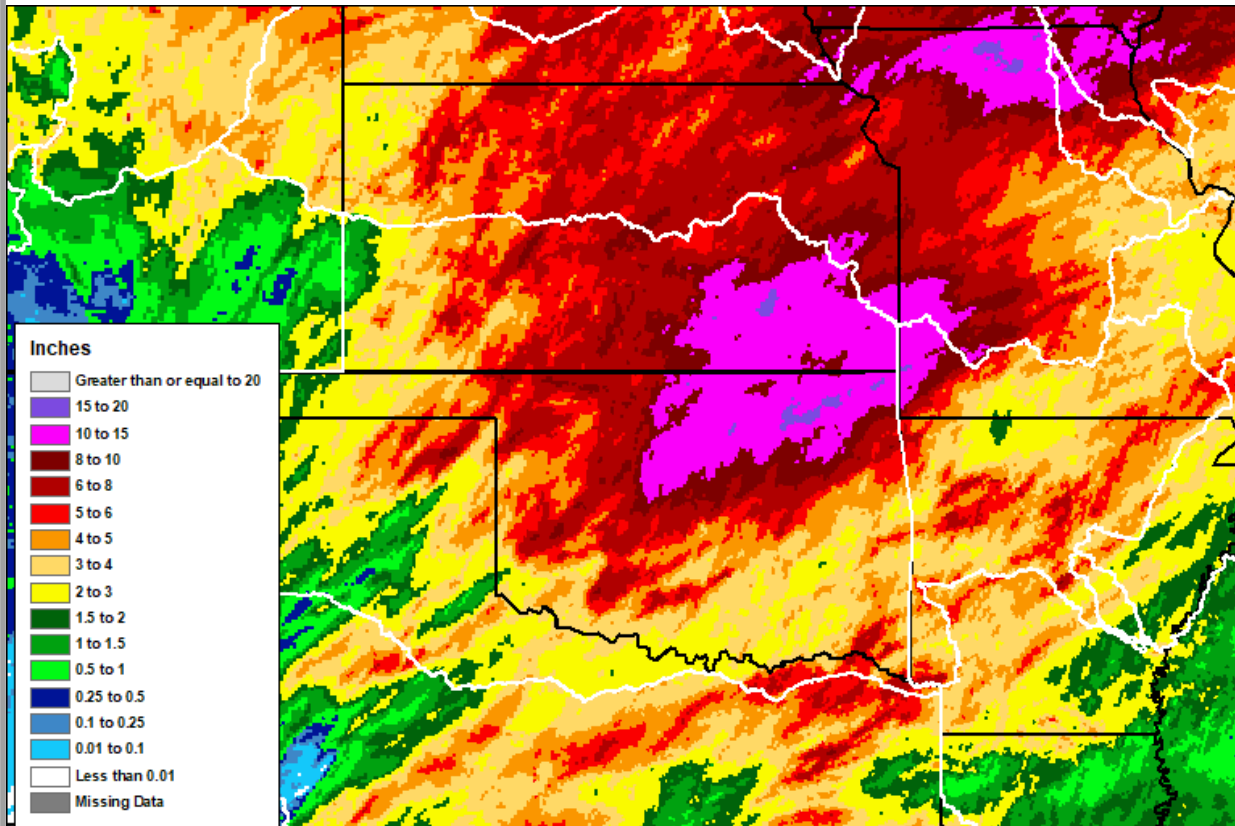


LEGEND

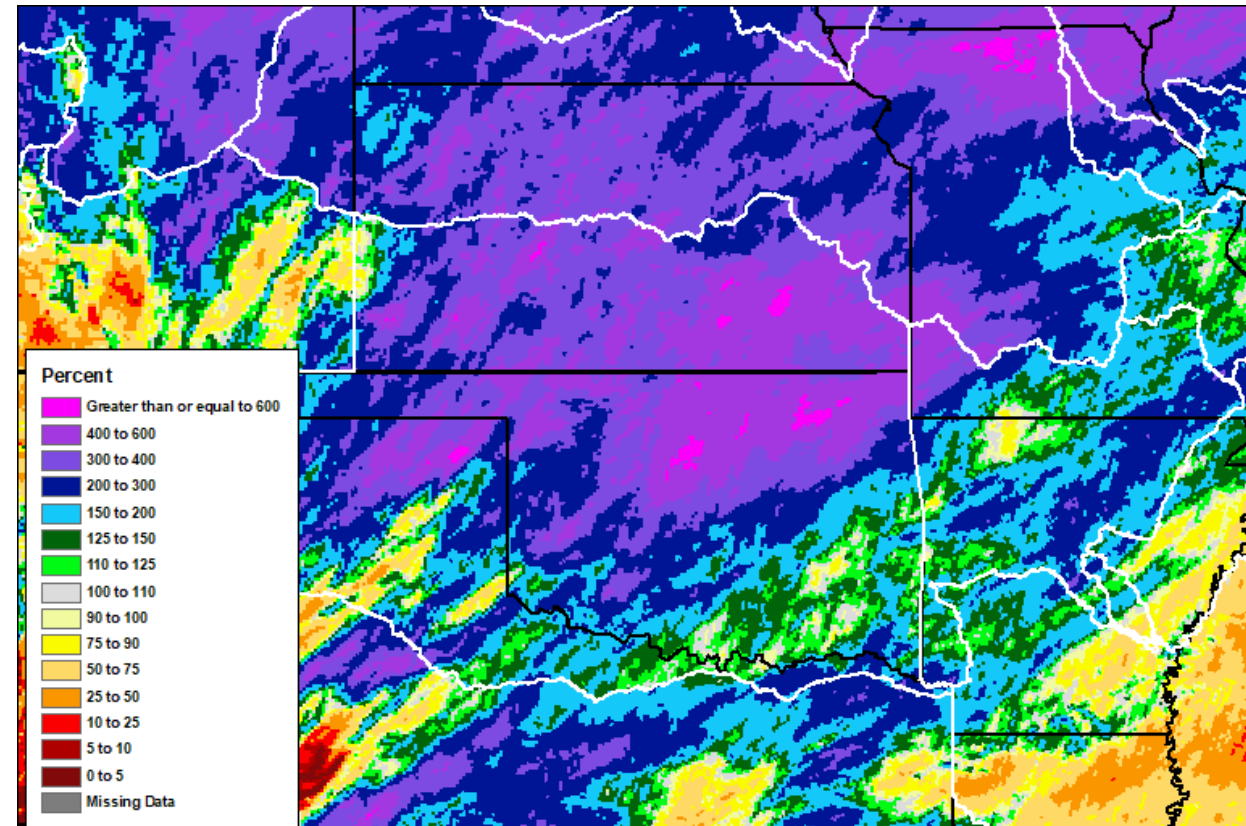
- Navigation route 
- Lake in operation 
- Lake in operation (not included in multiple-purpose plan) 
- Navigation lock and dam 



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%

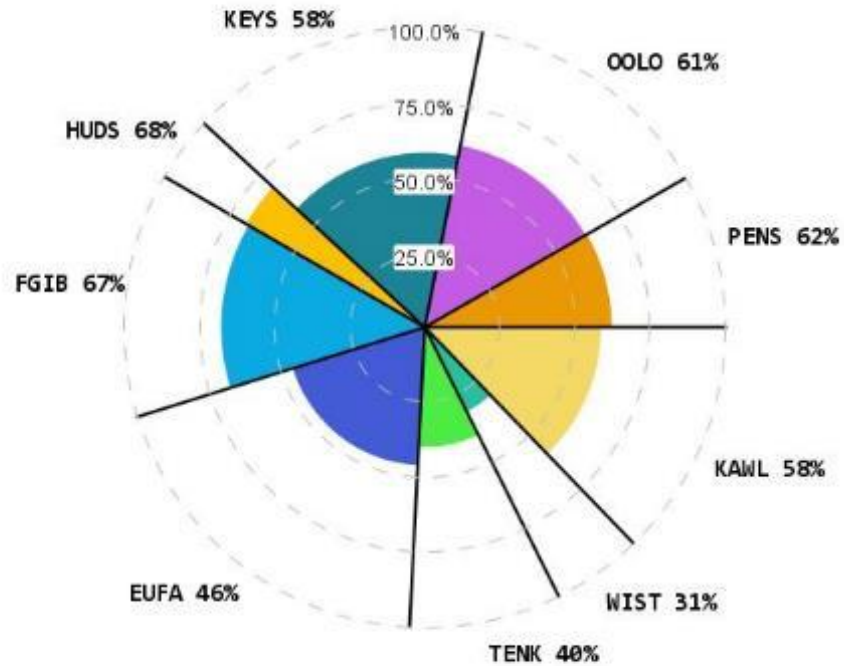


IMAGE DATE: Mon May 20 07:00:00 CDT 2019

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

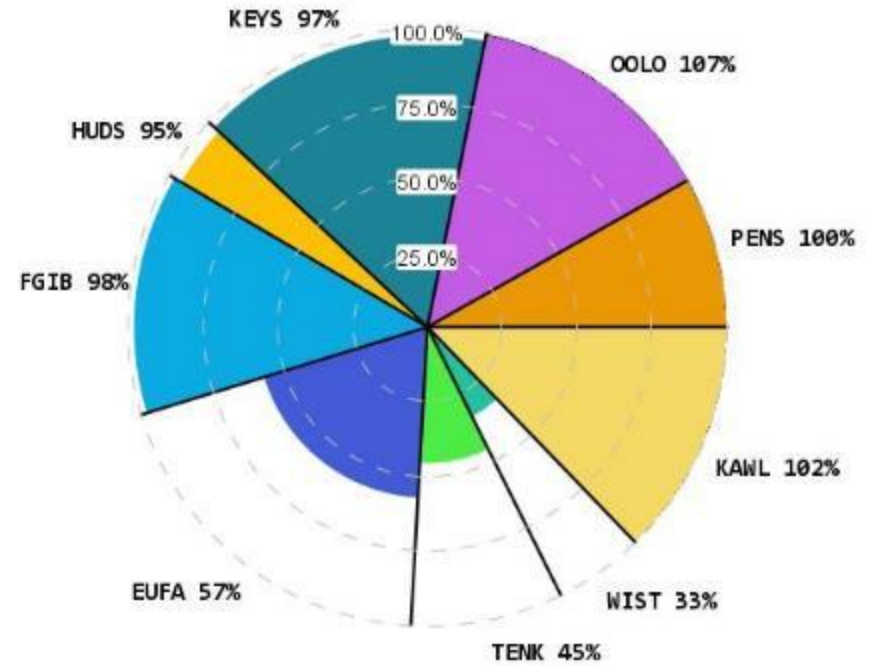
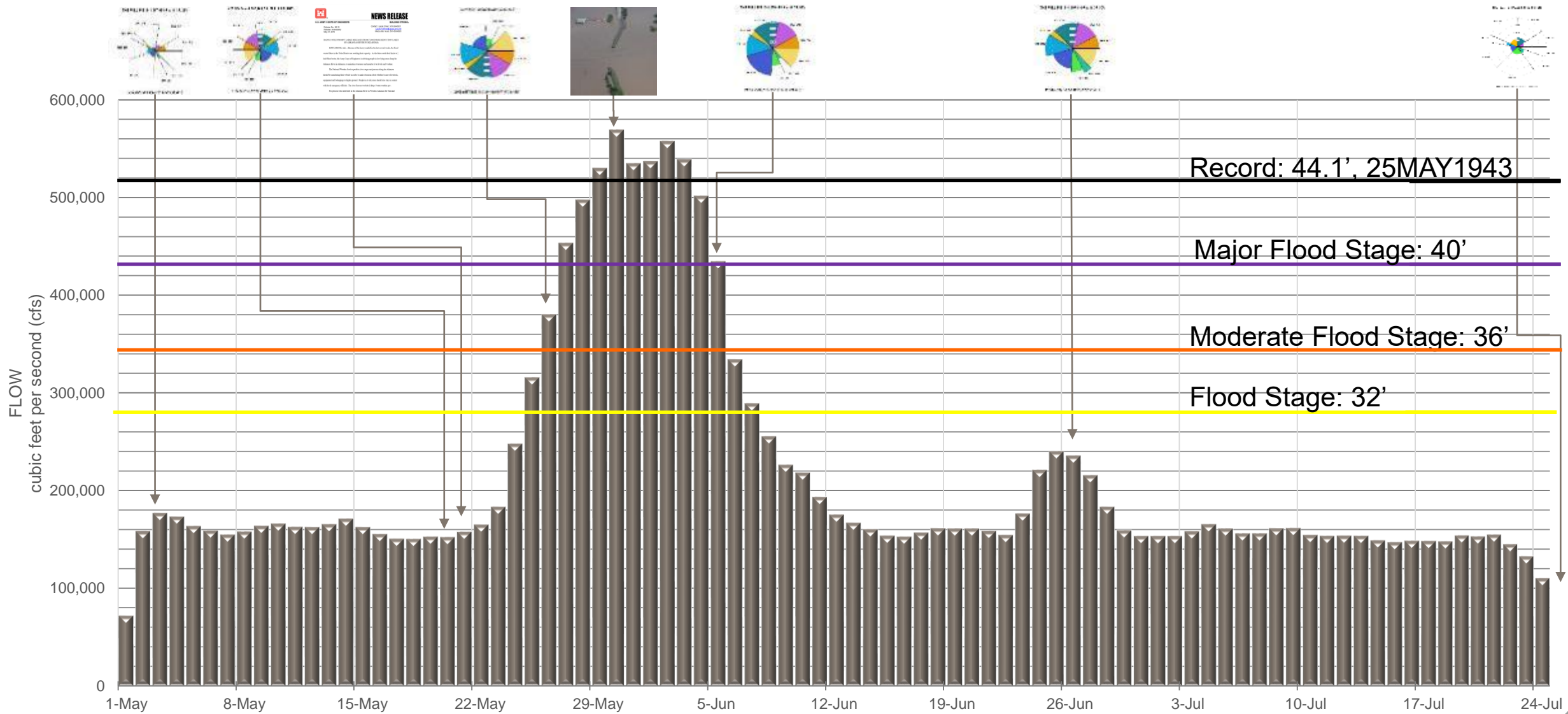


IMAGE DATE: Thu May 23 07:00:00 CDT 2019

2019 EVENT TIMELINE USING DARDANELLE'S HYDROGRAPH

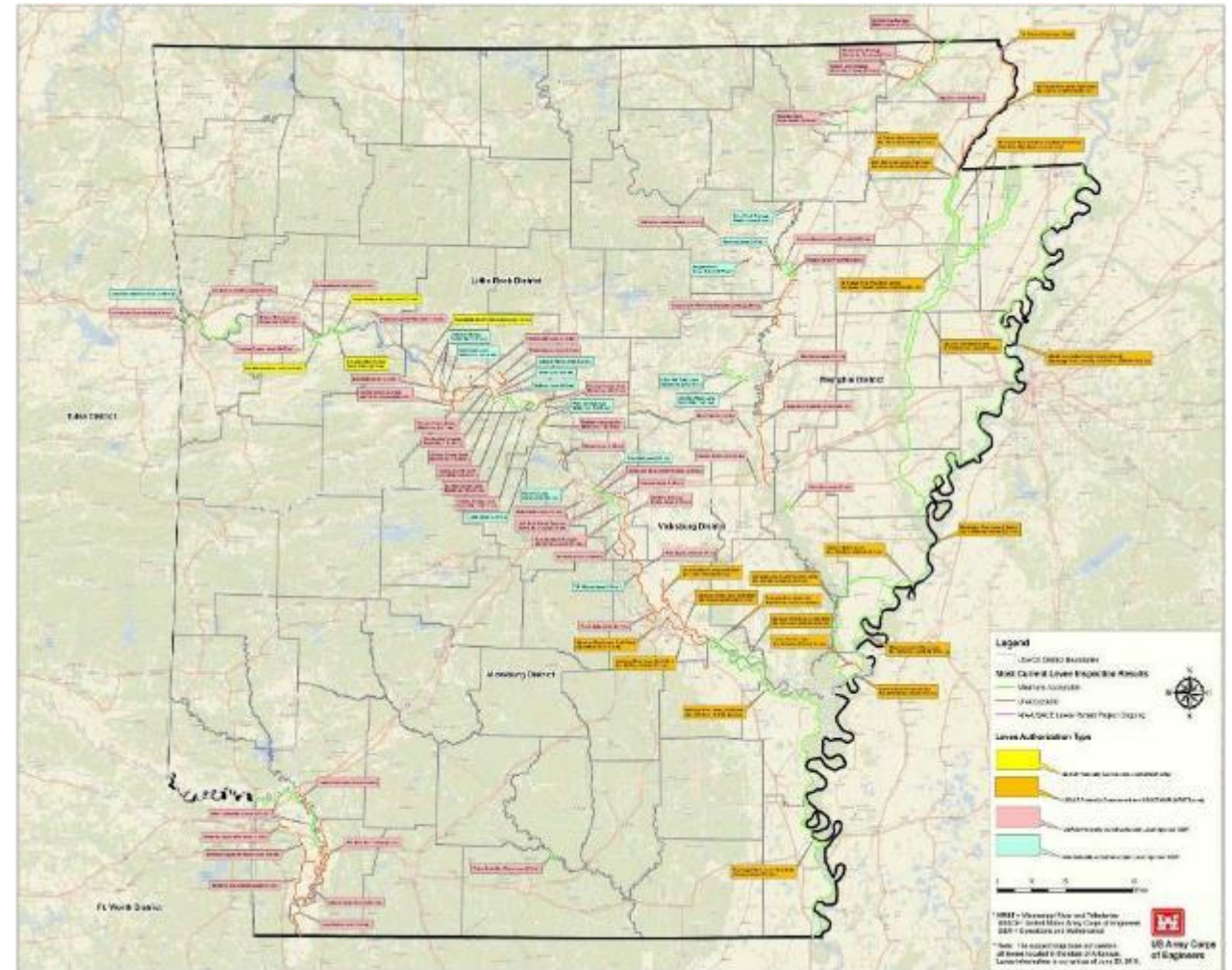


Arkansas Levees Condition Summary



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



LEVEE DAMAGE ASSESSMENTS (IN-PROGRESS)



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Project	County	Fed / Non-Fed	Level of Protection	Estimated (ROM) Repair Cost	BCR
Conway Co. Levee District No. 6	Conway	FED	500	\$281,800	
Crawford Co. LD	Crawford	FED	100	\$1,959,000	41.1:1
Faulkner County	Faulkner	FED	500	\$677,000	34.7:1
McLean Bottom Levee District No. 3	Logan	FED	500	\$3,259,000	7.4:1
Perry Co. Levee District No. 1	Perry	non-Fed	25	\$822,800	
Pope County LD#2	Pope	FED	500	\$656,700	42.03:1
Bayou Meto Basin L&PS	Pulaski	FED		N/A	
Conway Co. Levee District No. 1	Conway	FED	500	N/A	
Conway Co. Levee District No. 3	Conway	FED	500	N/A	
Conway Co. Levee District No. 7	Conway	FED	500	N/A	
Fort Smith LD #1	Sebastain	FED	100	N/A	
Fourche Island DD#2	Pulaski	FED	500	N/A	
Little Rock - Pulaski DD#2	Pulaski	FED	500	N/A	
N. Little Rock L&FW	Pulaski	FED	500	N/A	
Van Buren LD #1	Crawford	FED	100	N/A	
Riverdale Private Levee	Pulaski	non-Fed	100	N/A	
Southern Enterprise Levee	Sebastian	Non-Fed	100	N/A	

\$7,656,300