

Frequency Data for Levee Briefing

ARKANSAS RIVER					
	Date	Recurrence Interval	Flow, cfs	Stage, ft	
Van Buren	May-90	45 - 55	401,000		
	Oct-86	25 - 35	357,000		
	May-15	20	364,700		
	Apr-73	10	243,000		
Dardanelle	May-90	50-60	433,000		
	May-15	20	377,000		
	Apr-08	20	366,700		
	Oct-86	15 - 20	338,000		
	Apr-11	15 - 20	330,000		
	Dec-82	15	325,000		
Little Rock	Apr-73	10	318,000		
	May-90	40 - 50	406,000		
	May-15	20	353,000		
	Oct-86	10 - 15	309,000		
	Apr-73	10 - 15	329,000		
	Apr-08	10	303,000		
WHITE RIVER	Dec-82	10	290,000		
	Calico Rock	Date	Recurrence Interval	Flow, cfs	Stage, ft
	Dec-82	25 - 50	201,000	41.14	
	Apr-08	> 10	202,000	40.26	
	Apr-11	> 10	130,000	29.28	
	Batesville	Date	Recurrence Interval	Flow, cfs	Stage, ft
Dec-82	70	312,000	29.27		
Mar-15	25 - 50	208,000	27.00		
Apr-11	> 10	161,000	23.57		
Newport	Apr-45			35.90	
	Apr-27			35.60	

NOTES:

(1) We use the term "annual chance of exceedence" rather than recurrence interval because RI is misleading. For example, a "10-year" flood has a 10% chance of occurring every year rather than once in a 10-year period. Many believe they will not experience a "100-year" flood because they will not live to be 100 years old. For approximate conversion and reference:

- 2-year 50% annual chance of equaling or exceeding
- 5-year 20%
- 10-year 10%
- 15-year 7%
- 25-year 4%
- 30-year 3%
- 50-year 2%
- 100-year 1%

(2) May 2015 figures are preliminary estimates

		Apr-11	> 20	292,000	34.17
		Dec-82	50	330,000	34.00
		Mar-15	25 - 50	266,000	33.87
Augusta		Apr-11	> 100	400,000	40.80
		Mar-08	25 - 50	252,000	38.41
		Dec-82	50	255,000	38.31
Georgetown		Apr-11	> 100	254,000	33.95
		Apr-45			32.10
		Apr-27			30.60
		Mar-08	25 - 50	175,000	30.18
		Dec-82	50	179,000	28.87
Clarendon		Apr-27			43.30
		Apr-45			39.10
		Apr-15	> 100	288,000	37.54
		May-73			34.97
		Apr-08	20	175,000	33.78
BLACK RIVER					
		Date	Recurrence Interval	Flow, cfs	Stage, ft
Corning		Apr-11	~ 100	36,200	18.12
		Jun-45			16.92
		Mar-08	10 - 25	27,100	15.92
		Dec-82	10	23,400	14.82
Pocahontas		Apr-11	> 35	103,300	28.32
		Mar-08	25 - 50	72,200	26.56
		Dec-82		66,300	25.22
		Apr-73			25.00
Black Rock		Dec-82	> 100	190,000	31.51
		Apr-11	> 100	155,100	30.42
		Mar-08	25 - 50	135,000	29.74
		Apr-73			29.24
RED RIVER					

	Date	Recurrence Interval	Flow, cfs	Stage, ft		
Index	Feb-38	100	270,000	34.40		
	May-90			32.30		
	May-15	1	41,700	31.41		
	Apr-27			30.80		
	May-11			11.01		
	Mar-08			18.02		
Fulton	Apr-45	100	257,000	37.40		
	Feb-38			36.40		
	Apr-27			35.00		
	May-90			34.30		
	May-15			32.12		
	May-82			22.70		
	May-11			1	65,700	16.52
	Mar-08			2	86,500	19.09