

Table 6. Flood discharge in selected streams in the Kansas and the Missouri River Basins, July 1993[mi², square miles; ft³/s, cubic feet per second; --, data unavailable or not applicable; <, less than]

Site letter (fig. 10)	Station no.	Stream and place of determination	Drainage area (mi ²)	Percentage of total Kansas River Basin	Area where discharge is uncontrolled (mi ²)	Percentage of basin where discharge is uncontrolled	Observed instantaneous maximum discharge, July 1993		Uncontrolled instantaneous maximum discharge ¹		Simulated uncontrolled maximum daily average discharge ²	
							ft ³ /s	Date	ft ³ /s	Date	ft ³ /s	Date
Kansas												
A	06856000	Republican River at Concordia	23,560	39	2,517	11	38,500	7/23	42,400	7/23	33,800	7/23
B	06857100	Republican River below Milford Dam	24,890	42	10	0	33,700	7/26	--	--	67,300	7/9
C	06866500	Smoky Hill River at Mentor	8,358	14	501	6	10,700	7/22	30,300	7/25	29,500	7/24
D	03269500	Saline River at Tescott	2,820	5	903	32	10,700	7/25	52,900	7/25	45,600	7/22
E	06876900	Solomon River at Niles	6,770	11	1,694	25	17,900	7/22	74,000	7/24	62,700	7/23
F	06877600	Smoky Hill River at Enterprise	19,260	32	4,410	23	45,600	7/22	155,000	7/24	122,000	7/23
G	06879100	Kansas River at Ft. Riley	44,870	75	5,130	11	87,600	7/25	200,000	7/24	189,000	7/24
H	06887000	Big Blue River near Manhattan	9,640	16	12	0	60,000	7/26	--	--	107,000	7/5
I	06887500	Kansas River at Wamego	55,280	92	5,912	11	171,000	7/26	258,000	7/25	240,000	7/25
J	06889000	Kansas River at Topeka	56,720	95	7,352	13	166,000	7/26	261,000	7/26	245,000	7/25
K	06890900	Delaware River below Perry Dam	1,117	2	0	0	5,000	7/26	--	--	28,500	7/6
L	06891000	Kansas River at Lecompton	58,460	98	7,975	14	175,000	7/27	265,000	7/26	240,000	7/25
M	06891500	Wakarusa River near Lawrence	425	<1	58	14	260	7/27	--	--	8,100	7/23
N	06892350	Kansas River at Desoto	59,756	100	8,904	15	172,000	7/27	266,000	7/27	252,000	7/10
Missouri												
O	06818000	Missouri River at St. Joseph	420,300	--	140,500	34	335,000	7/26	461,000	7/26	--	--
P	06893000	Missouri River at Kansas City	485,200	--	154,900	32	541,000	7/28	713,000	7/27	--	--
Q	06934500	Missouri River at Hermann	524,200	--	179,400	34	750,000	7/31	852,000	7/31	--	--

¹Data supplied by the U.S. Army Corps of Engineers, Kansas City District. Values computed by use of the BENEFITS computer program (U.S. Army Corps of Engineers, written commun., 1993).²Values computed by the Muskingum routing method described in Viessman and others (1972).