Table 44. Maximum stages and discharges prior to and during May and September 1993, in Oklahoma

[mi^2, square miles; ft, feet above an arbitrary datum; ft^3/s, cubic feet per second; --, not determined or not applicable; >, greater than. Source: Recurrence intervals from U.S. Geological Survey data; other data from U.S. Geological Survey reports or data bases]

Table 44.

				Maximum prior to May 1993				Maximum during May and September 1993			
Site no. (fig. 69)	Station no.	Stream and place of determination	Drainage area (mi^2)	Period	Year	Stage (ft)	Dis-charge (ft^3/s)	Date (month/day)	Stage (ft)	Dis-charge (ft^3/s)	Dis-charg recur-rence interval (years)
1	07148140	Arkansas River near Ponca City, OK	46,530	1976–93	1986	[1]13.97	39,300	5/14	20.11	62,900	[2]100
2	07151000	Salt Fork Arkansas River at Tonkawa, OK	4,528	1936–93	1973	28.98	97,300	5/10	25.51	45,500	25
3	07152000	Chikaskia River near Blackwell, OK	1,859	1936–93	1942	[1]34.28	85,000	5/10	34.31	53,300	10
4	07152500	Arkansas River at Ralston, OK	54,465	1923–93	1973	22.98	211,000	5/12	19.76	139,000	[2]25
5	07159100	Cimarron River near Dover, OK	15,713	1973-93	1986	26.10	123,000	5/10	22.49	63,500	10
6	07159750	Cottonwood Creek near Seward, OK	320	1973–82, 1990–93	1976	[1]23.99	29,900	5/09	32.74	46,100	25
7	07160000	Cimarron River at Guthrie, OK	6,892	1938–76, 1983–93	1957	[1]18.58	158,000	5/10	17.73	93,100	25
8	07160500	Skeleton Creek near Lovell, OK	410	1950–93	1957	[1]34.58	75,200	5/09	35.47	30,300	10–25
9	07161450	Cimarron River near Ripley, OK	17,979	1988–93	1990	[1]21.43	55,200	5/10	28.36	141,000	--
10	07164500	Arkansas River at Tulsa, OK	74,615	1905–93	1986	25.21	307,000	5/14	17.48	149,000	[2]25
11	07165570	Arkansas River near Haskell, OK	75,473	1973–93	1986	22.82	259,000	5/14	19.28	150,000	[2]10–25
12	07174600	Sand Creek at Okesa, OK	139	1959–93	1974	[1]28.60	19,500	5/09	24.29	20,200	25–50
13	07176500	Bird Creek near Avant, OK	364	1945–93	1959 1974	31.40 32.03	32,400 --	5/09	28.03	27,500	10–25
14	07177500	Bird Creek near Sperry, OK	905	1939–93	1959	32.60	90,000	5/10	29.88	30,600	10
15	07178000	Bird Creek near Owasso, OK	1,022	1929–31, 1935–39, 1987–93	1938	[1]26.20	19,700	5/11	26.94	31,700	10–25

Table 44. Maximum stages and discharges prior to and during May and September 1993, in Oklahoma—Continued

Site no. (fig. 69)	Station no.	Stream and place of determination	Drainage area (mi^2)	Maximum prior to May 1993				Maximum during May and September 1993			
				Period	Year	Stage (ft)	Dis-charge (ft^3/s)	Date (month/day)	Stage (ft)	Dis-charge (ft^3/s)	Dis-charg recur-rence interval (years)
16	07178200	Bird Creek at State Highway 266 near Catoosa, OK	1,103	1988–93	1990	28.39	18,500	5/11	33.22	27,400	--
17	07185000	Neosho River near Commerce, OK	5,876	1939–93	1951	34.03	267,000	9/27	24.09	75,600	[2]25
18	07185095	Tar Creek at 22nd Street bridge at Miami, OK	44.7	1984–93	1985	14.13	9,040	9/25	14.70	12,400	50–100
19	07188000	Spring River near Quapaw, OK	2,510	1939–93	1943	[1]43.40	190,000	9/26	46.60	230,000	>100
20	07190500	Neosho River near Langley, OK	10,335	1940–93	1943	45.50	300,000	9/27	34.26	170,000	[2]10–25
21	07191500	Neosho River near Chouteau, OK	11,534	1938–93	1946	45.00	400,000	9/27	--	136,000	[2]25
22	07228500	Canadian River at Bridgeport, OK	25,276	1945–64, 1970–93	1948	38.95	150,000	5/09	17.32	51,200	[2]10–25
23	07229200	Canadian River at Purcell, OK	25,939	1960–61, 1980–83, 1986–93	1987	14.75	102,000	5/09	14.42	84,100	10–25
24	07231500	Canadian River at Calvin, OK	27,952	1906, 1935–93	1950	17.35	174,000	5/10	15.32	93,400	[2]10
25	07239500	North Canadian River near El Reno, OK	13,042	1903–07, 1938–93	1941 1990	15.98 18.53	15,000 7,630	5/10	21.41	14,600	[2]50–100
26	07241000	North Canadian River below Lake Overholser near Oklahoma City, OK	13,222	1953–93	1987	29.85	18,700	5/10	25.39	13,900	[2]10–25
27	07241210	Twin Creek at SW 29 Street at Oklahoma City, OK	3.23	--	--	--	[4]3,040	5/08	[3]1,223.30	10,000	>100
28	07241225	Brock Creek at SW 29 Street at Oklahoma City, OK	4.74	--	--	--	[4]5,210	5/08	[3]1,206.1	12,000	>100
29	07241255	Lightning Creek at SW 25 Street at Oklahoma City, OK	13.9	--	--	--	[4]8,020	5/08	[3]1,194.8	15,000	>100
30	07241520	North Canadian River at Britton Road at Oklahoma City, OK	13,413	1989–93	1989	23.48	31,300	5/09	24.80	38,100	--

Table 44. Maximum stages and discharges prior to and during May and September 1993, in Oklahoma—Continued

Site no. (fig. 69)	Station no.	Stream and place of determination	Drainage area (mi^2)	Maximum prior to May 1993				Maximum during May and September 1993			
				Period	Year	Stage (ft)	Dis-charge (ft^3/s)	Date (month/day)	Stage (ft)	Dis-charge (ft^3/s)	Dis-charg recur-rence interval (years)
31	07241550	North Canadian River near Harrah, OK	13,501	1969–93	1987	[1]19.60	27,200	5/09	21.90	25,500	[2]25–50
32	07242000	North Canadian River near Wetumka, OK	14,290	1938–93	1945	26.40	66,000	5/14	19.29	29,000	[2]10–25
33	07243000	Dry Creek near Kendrick, OK	69	1956–93	1974	24.20	18,000	5/08	22.37	11,100	10–25
34	07243500	Deep Fork near Beggs, OK	2,018	1938–93	1943	34.55	66,800	5/14	30.03	30,700	10
35	07304500	Elk Creek near Hobart, OK	549	1949–93	1986	31.65	28,000	5/09	31.65	23,600	25–50
36	07305000	North Fork Red River near Headrick, OK	4,244	1905–07, 1938–93	1986	19.07	59,000	5/10	18.83	56,100	[2]100
37	07307028	North Fork Red River near Tipton, OK	4,691	1985–93	1986	19.15	57,200	5/10	19.18	51,200	[2]100
38	07315700	Mud Creek near Courtney, OK	572	1961–93	1987 1990	33.14 [2]32.41	38,800 49,600	5/09	32.30	47,700	25
39	07316000	Red River near Gainesville, TX, OK	30,782	1936–93	1987	40.08	265,000	5/11	30.99	117,000	[2]10–25
40	07325500	Washita River at Carnegie, OK	3,129	1912, 1921, 1923, 1934–36, 1938–93	1949 1983	[2]26.21 29.67	50,000 25,200	5/10	30.68	25,500	[2]25
41	07325800	Cobb Creek near Eakly, OK	132	1969–93	1986	24.38	10,000	5/08	21.93	10,900	[2]25
42	07326500	Washita River at Anadarko, OK	3,656	1903-07, 1936–37, 1964–93	1983	25.20	44,700	5/11	25.03	28,300	[2]25–50
43	07328100	Washita River at Alex, OK	4,787	1940–52, 1955, 1957, 1965–93	1993	28.70	23,400	5/13	18.71	17,800	[2]25
44	07328500	Washita River near Pauls Valley, OK	5,330	1938–93	1950 1987	29.88 [2]28.72	30,000 43,600	5/10	21.49	31,200	[2]25
45	07332500	Blue River Near Blue, OK	476	1936–93	1981	44.20	65,200	5/09	35.15	34,100	10–25

[1]Site and datum then in use. [2]Recurrence interval based on period of regulated discharge.
[3]Elevation in feet above sea level. [4]Flood Insurance Study 100-year recurrence-interval flood discharge (Federal Emergency Management Agency, 1988).