

Table 1. Streamflow-gaging stations in central Texas where floods of December 1991 equaled or exceeded the 10-year flood

[mi², square miles; ft, feet; ft³/s, cubic feet per second; R.I., recurrence interval; acre-ft, acre-feet; --, not determined; >, greater than]

Site number (fig. 1)	USGS station number	Streamflow station name	Contributing drainage area (mi ²)	Maximum gage height and discharge prior to December 1991				Maximum gage height and discharge in December 1991				Maximum runoff volumes in December 1991					
				Period	Year	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)	R.I. (years)	1-day		3-day		7-day	
												Volume (acre-ft)	R.I. (years)	Volume (acre-ft)	R.I. (years)	Volume (acre-ft)	R.I. (years)
TRINITY RIVER BASIN																	
1	08064700	Tehuacana Creek near Streetman	142	1932–91	1989	30.2	85,700	Dec. 21	26.4	34,700	45	39,670	50	52,420	40	57,340	45
2	08065350	Trinity River near Crockett	13,911	1964–91	1990	48.54	109,000	Dec. 26	48.5	¹ 109,000	40	--	--	--	--	--	--
BRAZOS RIVER BASIN																	
3	08093250	Hackberry Creek at Hillsboro	57.9	1887–1991	1981	18.95	12,050	Dec. 20	18.44	10,700	20	8,130	10	16,010	20	19,020	20
4	08094800	North Bosque River at Hico	359	1880–1991	1952	27.60	¹ 87,800	Dec. 20	23.27	¹ 27,000	60	26,780	60	44,150	65	62,480	50
5	08095000	North Bosque River near Clifton	968	1854–1991	1959	34.88	² 92,800	Dec. 20	38.3	¹ 200,000	>100	192,000	>100	372,000	>100	413,800	>100
6	08095200	North Bosque River at Valley Mills	1,146	1868–1991	1908	43	--	Dec. 21	44.6	³ 220,000	>100	244,000	>100	366,000	>100	413,800	100
7	08100000	Leon River near Hamilton	1,891	1858–1991	1908	38.4	--	Dec. 20	35.02	¹ 32,100	70	--	--	--	--	--	--
8	08100500	Leon River at Gatesville	2,342	1854–1991	1908	35	70,000	Dec. 21	35.00	¹ 68,000	>100	--	--	--	--	--	--
9	08101000	Cowhouse Creek at Pidcoke	455	1882–1991	1959	40.1	66,200	Dec. 20	44.3	110,000	>100	50,780	45	97,590	>100	155,100	>100
10	08103800	Lampasas River near Kempner	818	1960–91	1965	32.98	² 71,000	Dec. 20	35.00	³ 78,000	>100	84,300	100	147,600	100	174,900	85
11	08106310	San Gabriel River near Rockdale	1,359	1979–91	1981	32.11	15,600	Dec. 21	35.74	¹ 39,000	15	--	--	--	--	--	--
12	08109700	Middle Yegua Creek near Dime Box	236	1914–91	1975	15.16	11,400	Dec. 22	15.39	12,500	30	18,780	25	30,820	15	39,150	10
13	08109800	East Yegua Creek near Dime Box	244	1958–91	1975	13.91	14,000	Dec. 22	12.94	8,910	10	14,560	20	27,070	20	35,820	15
14	08110430	Big Creek near Freestone	97.2	1980–91	1989	15.37	5,950	Dec. 21	16.33	17,500	65	16,640	45	23,680	45	28,190	75
15	08110500	Navasota River near Easterly	968	1845–1991	1899	24	² 90,000	Dec. 22	27.22	¹ 61,800	65	--	--	--	--	--	--
16	08111000	Navasota River near Bryan	1,454	1951–91	1966	16.57	38,200	Dec. 23	19.97	¹ 66,600	60	--	--	--	--	--	--
COLORADO RIVER BASIN																	
17	08152000	Sandy Creek near Kingsland	346	1881–1991	1952	34.2	163,000	Dec. 20	17.62	39,500	25	28,170	>100	56,770	>100	62,480	>100
18	08152900	Pedernales River near Fredericksburg	369	1979–91	1979	34.4	64,000	Dec. 20	32.09	49,900	10	29,360	25	51,770	30	56,790	30
19	08158810	Bear Creek below Farm Road 1826 near Driftwood	12.2	1924–91	1939	16.2	14,200	Dec. 20	14.23	10,200	15	1,980	20	4,240	20	4,960	15
20	08158840	Slaughter Creek at Farm Road 1826 near Austin	8.24	1980–91	1981	10.79	4,080	Dec. 20	10.68	6,330	20	1,490	15	3,310	15	4,120	15
GUADALUPE RIVER BASIN																	
21	08167500	Guadalupe River near Spring Branch	1,315	1923–91	1978	45.25	160,000	Dec. 21	36.00	79,300	20	111,100	25	208,900	40	261,000	45
ARANSAS RIVER BASIN																	
22	08189700	Aransas River near Skidmore	247	1914–91	1967	42.22	82,800	Dec. 22	29.4	14,700	10	16,480	5	19,400	5	19,850	5

¹ Streamflow regulated by reservoirs—recurrence interval computed for regulated period.

² Discharge occurred prior to regulation of streamflow by one or more reservoirs.

³ Streamflow regulated by flood-detention reservoirs—recurrence interval computed for unregulated period.