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## **Appendix B**

Station, regional, and weighted flood estimates for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study

[Flood-frequency relations for each gaging station are presented as follows:  
First line, log-Pearson Type III values; second line, regional regression model values; third line, weighted values]

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Map index No. (fig. 1)	Station No.	Station name	Period of record (years)	Drainage area (square miles)	Magnitude of flood flows for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study							
					2	5	10	25	50	100	200	500
<b>Blue Ridge</b>												
24	02162350	Middle Saluda River near Cleveland, S.C.	19	21.0	1,590	2,820	3,770	5,080	6,120	7,220	8,370	9,980
					1,160	1,910	2,520	3,380	4,070	4,830	5,620	6,780
					1,520	2,580	3,320	4,310	5,090	5,940	6,850	8,180
41	02184500	Whitewater River near Jocassee, S.C.	16	47.3	3,150	4,510	5,480	6,800	7,840	8,930	10,100	11,700
					2,150	3,460	4,510	5,990	7,160	8,450	9,770	11,700
					2,960	4,210	5,120	6,420	7,500	8,670	9,910	11,700
42	02185000	Keowee River near Jocassee, S.C.	18	148	9,540	13,700	16,600	20,600	23,600	26,900	30,200	34,900
					5,100	7,990	10,300	13,400	15,800	18,500	21,200	25,300
					8,700	12,000	14,200	17,200	19,600	22,300	25,200	29,500
43	02185200	Little River near Walhalla, S.C.	32	72.0	3,680	6,320	8,360	11,200	13,600	16,100	18,800	22,700
					2,950	4,710	6,110	8,050	9,590	11,300	13,000	15,600
					3,610	6,050	7,820	10,200	12,100	14,200	16,400	19,600
44	02185500	Seneca River near Newry, S.C.	22	455	16,500	20,100	22,200	24,800	26,600	28,200	29,900	32,000
					11,900	18,200	23,000	29,500	34,500	40,100	45,700	54,000
					15,800	19,700	22,500	26,400	29,600	33,000	36,400	41,100
<b>Piedmont</b>												
3	02131309	Fork Creek near Jefferson, S.C.	21	24.3	706	1,340	1,870	2,690	3,400	4,200	5,100	6,460
					966	1,600	2,060	2,690	3,190	3,710	4,240	4,970
					731	1,380	1,910	2,690	3,330	4,020	4,750	5,810

Map index No. (fig. 1)	Station No.	Station name	Period of record (years)	Drainage area (square miles)	Magnitude of flood flows for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study							
					2	5	10	25	50	100	200	500
4	02131472	Hanging Rock Creek near Kershaw, S.C.	18	23.7	904	1,550	2,050	2,750	3,320	3,930	4,590	5,530
					949	1,570	2,030	2,650	3,140	3,650	4,170	4,890
					910	1,550	2,040	2,720	3,250	3,820	4,410	5,240
10	02147500	Rocky Creek at Great Falls, S.C.	43	194	6,720	10,400	13,000	16,600	19,400	22,400	25,500	29,800
					3,950	6,240	7,920	10,100	11,800	13,600	15,400	17,800
					6,520	9,920	12,300	15,300	17,700	20,100	22,700	26,200
12	02154500	North Pacolet River at Fingerville, S.C.	67	116	3,020	5,020	6,440	8,330	9,780	11,300	12,800	14,800
					2,790	4,450	5,680	7,290	8,550	9,860	11,200	13,000
					3,010	4,980	6,380	8,210	9,610	11,000	12,500	14,500
13	02157000	North Tyger near Fairmont, S.C.	38	44.4	1,350	2,160	2,720	3,440	3,980	4,510	5,050	5,770
					1,450	2,370	3,050	3,960	4,670	5,400	6,160	7,190
					1,360	2,180	2,760	3,530	4,110	4,710	5,310	6,130
14	02157500	Middle Tyger River at Lyman, S.C.	47	68.3	2,560	3,260	3,680	4,150	4,480	4,780	5,080	5,440
					1,950	3,150	4,030	5,200	6,120	7,080	8,050	9,380
					2,520	3,250	3,710	4,300	4,730	5,170	5,610	6,180
15	02158000	North Tyger River near Moore, S.C.	41	162	3,770	5,980	7,550	9,630	11,200	12,900	14,600	16,800
					3,490	5,540	7,040	9,020	10,600	12,100	13,800	15,900
					3,760	5,940	7,480	9,520	11,100	12,700	14,400	16,600
16	02158500	South Tyger River near Reidville, S.C.	41	106	2,480	3,760	4,660	5,830	6,720	7,640	8,580	9,860
					2,620	4,200	5,350	6,880	8,080	9,320	10,600	12,300
					2,480	3,800	4,740	5,990	6,970	7,980	9,020	10,400

Map index No. (fig. 1)	Station No.	Station name	Period of record (years)	Drainage area (square miles)	Magnitude of flood flows for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study							
					2	5	10	25	50	100	200	500
17	02159000	South Tyger River near Woodruff, S.C.	44	174	2,930	4,760	6,120	7,970	9,440	11,000	12,600	14,800
					3,670	5,810	7,380	9,440	11,000	12,700	14,400	16,700
					2,960	4,850	6,260	8,190	9,720	11,300	13,000	15,300
18	02159500	Tyger River near Woodruff, S.C.	28	351	6,720	12,000	16,200	22,200	27,300	32,900	39,000	47,800
					5,900	9,210	11,600	14,800	17,200	19,700	22,200	25,700
					6,640	11,600	15,300	20,200	24,200	28,300	32,600	38,700
19	02160000	Fairforest Creek near Union, S.C.	58	183	3,930	6,000	7,360	9,040	10,200	11,400	12,600	14,100
					3,800	6,010	7,620	9,750	11,400	13,100	14,800	17,200
					3,920	6,000	7,380	9,120	10,400	11,700	13,000	14,700
20	02160105	Tyger River near Delta, S.C.	25	759	10,700	16,900	21,500	27,600	32,500	37,500	42,800	50,200
					9,960	15,300	19,100	24,100	28,000	32,000	35,900	41,200
					10,600	16,700	21,000	26,700	31,100	35,600	40,300	46,700
21	02160500	Enoree River near Enoree, S.C.	64	307	6,300	10,000	12,700	16,300	19,200	22,100	25,200	29,500
					5,390	8,430	10,700	13,600	15,800	18,100	20,500	23,600
					6,260	9,910	12,500	16,000	18,700	21,500	24,300	28,300
22	02160700	Enoree River at Whitmire, S.C.	26	444	6,090	10,100	13,100	17,500	21,100	25,000	29,200	35,200
					6,920	10,700	13,500	17,100	19,900	22,800	25,700	29,600
					6,160	10,200	13,200	17,400	20,800	24,300	28,000	33,100
23	02162010	Cedar Creek near Blythewood, S.C.	29	48.9	2,470	3,760	4,610	5,640	6,380	7,090	7,780	8,660
					1,550	2,530	3,250	4,210	4,960	5,740	6,540	7,630
					2,380	3,580	4,350	5,280	5,970	6,670	7,370	8,310

Map index No. (fig. 1)	Station No.	Station name	Period of record (years)	Drainage area (square miles)	Magnitude of flood flows for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study							
					2	5	10	25	50	100	200	500
25	02162500	Saluda River near Greenville, S.C.	55	295	4,630	6,630	7,930	9,560	10,800	11,900	13,100	14,600
					5,250	8,220	10,400	13,200	15,400	17,700	20,000	23,100
					4,660	6,730	8,140	9,980	11,400	12,800	14,200	16,100
26	02163000	Saluda River near Pelzer, S.C.	62	405	6,270	8,790	10,400	12,400	13,800	15,100	16,400	18,200
					6,500	10,100	12,700	16,200	18,800	21,600	24,300	28,000
					6,280	8,870	10,600	12,700	14,400	16,000	17,600	19,700
27	02163500	Saluda River near Ware Shoals, S.C.	61	581	8,970	13,500	16,400	20,000	22,600	25,200	27,600	30,800
					8,310	12,800	16,100	20,400	23,600	27,000	30,400	35,000
					8,950	13,400	16,400	20,100	22,800	25,500	28,100	31,600
28	02165000	Reedy River near Ware Shoals, S.C.	60	236	4,220	6,500	8,070	10,100	11,600	13,200	14,800	16,800
					4,510	7,100	8,990	11,500	13,400	15,400	17,400	20,100
					4,230	6,540	8,150	10,300	11,900	13,500	15,200	17,400
29	02165200	South Rabon Creek near Gray Court, S.C.	23	29.5	828	1,570	2,180	3,080	3,840	4,670	5,580	6,920
					1,100	1,810	2,340	3,050	3,600	4,180	4,780	5,600
					852	1,610	2,210	3,070	3,770	4,500	5,280	6,380
30	02166970	Ninety Six Creek near Ninety Six, S.C.	17	17.4	909	1,080	1,180	1,290	1,370	1,440	1,520	1,600
					770	1,280	1,660	2,180	2,580	3,010	3,440	4,040
					890	1,110	1,280	1,520	1,720	1,930	2,140	2,420
45	02186000	Twelve Mile Creek near Liberty, S.C.	20	106	3,390	4,800	5,710	6,820	7,620	8,400	9,160	10,200
					2,620	4,200	5,350	6,880	8,080	9,320	10,600	12,300
					3,290	4,690	5,630	6,840	7,770	8,730	9,690	11,000

Map index No. (fig. 1)	Station No.	Station name	Period of record (years)	Drainage area (square miles)	Magnitude of flood flows for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study							
					2	5	10	25	50	100	200	500
46	02187900	Broadway Creek near Anderson, S.C.	21	26.4	1,050	1,640	2,060	2,600	3,000	3,420	3,840	4,400
					1,020	1,690	2,180	2,840	3,360	3,900	4,460	5,230
					1,050	1,650	2,080	2,660	3,120	3,580	4,060	4,720
47	02192500	Little River near Mt. Carmel, S.C.	57	217	4,940	7,680	9,630	12,200	14,200	16,200	18,300	21,200
					4,260	6,720	8,510	10,900	12,700	14,600	16,500	19,100
					4,910	7,620	9,520	12,000	14,000	15,900	18,000	20,800
48	02196000	Stevens Creek near Modoc, S.C.	56	545	12,600	18,600	22,500	27,400	31,100	34,600	38,200	42,900
					7,950	12,300	15,400	19,500	22,700	26,000	29,200	33,600
					12,400	18,100	21,700	26,300	29,600	32,900	36,300	40,800
49	02196250	Horn Creek near Colliers, S.C.	14	13.9	675	1,420	2,090	3,130	4,050	5,100	6,290	8,080
					661	1,110	1,440	1,890	2,240	2,610	2,990	3,520
					673	1,340	1,870	2,590	3,160	3,760	4,400	5,310
<b>Upper Coastal Plain</b>												
2	02130900	Black Creek near McBee, S.C.	40	108	793	1,180	1,480	1,910	2,270	2,650	3,080	3,700
					724	1,100	1,380	1,760	2,060	2,390	2,750	3,250
					781	1,160	1,460	1,870	2,220	2,590	3,000	3,590
6	02132500	Little Pee Dee River near Dillon, S.C.	60	524	2,580	3,990	5,040	6,500	7,690	8,960	10,300	12,300
					2,380	3,590	4,530	5,780	6,790	7,910	9,120	10,800
					2,560	3,930	4,950	6,370	7,520	8,760	10,100	12,000

Map index No. (fig. 1)	Station No.	Station name	Period of record (years)	Drainage area (square miles)	Magnitude of flood flows for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study							
					2	5	10	25	50	100	200	500
7	02135300	Scape Ore Swamp near Bishopville, S.C.	31	96.0	701	1,180	1,570	2,180	2,700	3,310	3,990	5,050
					662	1,000	1,260	1,610	1,890	2,190	2,520	2,970
					693	1,130	1,480	1,990	2,430	2,930	3,490	4,340
11	02148300	Colonel Creek near Leesburg, S.C.	13	40.2	255	353	422	513	585	658	736	843
					343	521	655	834	977	1,130	1,300	1,530
					285	419	520	652	755	861	973	1,130
31	02169550	Congaree Creek near Cayce, S.C.	21	122	859	1,140	1,320	1,560	1,750	1,940	2,130	2,400
					793	1,200	1,510	1,930	2,260	2,620	3,020	3,560
					841	1,160	1,390	1,690	1,930	2,170	2,430	2,780
32	02169630	Big Beaver Creek near St. Matthews, S.C.	27	10.1	96.4	144	180	230	270	313	359	426
					121	184	232	294	344	398	455	535
					101	154	195	249	293	339	388	458
34	02172500	South Fork Edisto near Montmorenci, S.C.	49	198	1,530	2,300	2,840	3,580	4,140	4,740	5,350	6,200
					1,140	1,730	2,180	2,780	3,260	3,780	4,360	5,150
					1,470	2,190	2,700	3,400	3,940	4,520	5,130	5,980
35	02173000	South Fork Edisto near Denmark, S.C.	67	720	2,520	3,840	4,890	6,410	7,700	9,120	10,700	13,100
					3,020	4,560	5,760	7,350	8,630	10,100	11,600	13,800
					2,550	3,900	4,970	6,500	7,790	9,220	10,800	13,200
36	02173500	North Fork Edisto at Orangeburg, S.C.	62	683	2,510	3,790	4,770	6,140	7,270	8,500	9,830	11,800
					2,910	4,390	5,530	7,060	8,300	9,660	11,200	13,200
					2,540	3,840	4,840	6,230	7,370	8,610	9,960	11,900

Map index No. (fig. 1)	Station No.	Station name	Period of record (years)	Drainage area (square miles)	Magnitude of flood flows for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study							
					2	5	10	25	50	100	200	500
37	02174000	Edisto River near Branchville, S.C.	54	1,720	5,720	8,600	10,700	13,600	15,900	18,400	21,000	24,600
					5,830	8,780	11,100	14,200	16,700	19,400	22,500	26,700
					5,730	8,620	10,700	13,700	16,000	18,500	21,200	24,800
<b>Lower Coastal Plain</b>												
1	02110500	Waccamaw River near Longs, S.C.	49	1,110	5,950	9,590	12,400	16,200	19,400	22,800	26,500	31,800
					5,400	9,410	12,600	17,400	21,400	26,000	31,100	38,600
					5,870	9,550	12,400	16,500	19,900	23,600	27,600	33,300
5	02132100	Two Mile Branch near Lake City, S.C.	24	18.4	215	476	738	1,200	1,650	2,210	2,920	4,100
					357	647	893	1,270	1,590	1,960	2,370	2,990
					243	531	796	1,220	1,620	2,110	2,680	3,620
8	02135500	Black River near Gable, S.C.	36	401	2,870	5,090	6,820	9,270	11,300	13,400	15,700	18,900
					2,750	4,840	6,530	9,080	11,200	13,700	16,400	20,500
					2,850	5,020	6,730	9,210	11,200	13,500	15,900	19,400
9	02136000	Black River at Kingtree, S.C.	72	1,252	5,670	11,200	16,200	24,300	31,800	40,700	51,300	68,200
					5,850	10,200	13,600	18,800	23,100	28,100	33,600	41,600
					5,690	11,000	15,700	23,100	29,900	38,000	47,400	62,400
33	02169960	Lake Marion tributary near Vance, S.C.	19	2.12	58.9	96.6	126	167	202	239	279	338
					85.1	158	221	318	404	501	611	777
					65.1	117	160	223	275	332	393	483
38	02174250	Cow Castle Creek near Bowman, S.C.	15	23.4	343	682	995	1,510	1,990	2,570	3,260	4,380
					418	757	1,040	1,480	1,850	2,280	2,760	3,480
					367	716	1,020	1,490	1,920	2,410	2,990	3,890



Map index No. (fig. 1)	Station No.	Station name	Period of record (years)	Drainage area (square miles)	Magnitude of flood flows for selected recurrence intervals for rural streamflow stations in South Carolina used in the regionalization study							
					2	5	10	25	50	100	200	500
39	02176000	Combahee River near Yemassee, S.C.	15	1,100	5,950	9,200	11,500	14,700	17,100	19,700	22,400	26,100
					5,370	9,350	12,500	17,300	21,300	25,900	31,000	38,400
					5,740	9,270	12,000	16,000	19,200	22,700	26,500	31,800
40	02176500	Coosawhatchie River near Hampton, S.C.	48	203	1,740	2,940	3,910	5,370	6,620	8,030	9,600	12,000
					1,750	3,100	4,210	5,870	7,290	8,920	10,700	13,400
					1,740	2,970	3,980	5,500	6,790	8,250	9,880	12,300
50	02197410	Miller Creek tributary near Baldoc, S.C.	20	7.82	286	430	534	677	791	910	1,040	1,220
					202	370	514	733	925	1,140	1,390	1,750
					259	405	525	702	850	1,010	1,180	1,430