

EDISTO RIVER BASIN

02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC

LOCATION.--Lat 33°20'13'', long 81°01'08'', Bamberg County, Hydrologic Unit 03050204, on downstream side of upstream bridge, on U.S. Highway 301/601, 3.0 mi north of Bamberg, and at mile 127.2.

DRAINAGE AREA.--807 mi².

PERIOD OF RECORD.--April 1991 to current year.

GAGE.--Data collection platform. Elevation of gage is 140 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	607	427	559	586	2030	740	900	434	211	346	364	243
2	581	433	565	572	1810	724	845	420	209	324	401	244
3	580	435	571	562	1610	708	790	406	206	323	451	248
4	599	445	572	565	1440	710	740	392	203	326	470	269
5	641	454	563	587	1310	741	697	372	204	340	487	306
6	692	460	551	595	1240	747	656	354	208	360	488	367
7	699	466	541	614	1190	729	620	342	217	392	479	404
8	650	477	538	623	1140	723	597	329	221	407	467	420
9	603	487	536	624	1070	709	576	314	231	364	460	430
10	574	488	537	702	1010	689	565	300	228	297	445	433
11	563	488	534	840	965	760	553	287	216	270	390	432
12	579	508	533	909	926	919	540	281	208	263	342	440
13	654	493	532	927	895	968	526	273	205	262	304	457
14	604	487	545	959	906	937	528	265	206	263	278	475
15	570	475	551	967	935	887	581	257	212	262	265	468
16	553	467	559	936	972	874	632	251	214	262	253	400
17	557	464	561	907	981	928	664	244	221	265	241	328
18	557	458	564	936	979	1000	653	244	212	266	235	304
19	556	454	660	980	974	1050	632	241	221	260	227	306
20	564	455	740	972	957	1170	613	236	235	241	222	340
21	563	458	739	905	951	1520	603	232	292	225	222	377
22	561	466	722	838	963	1610	594	229	368	213	221	419
23	548	473	711	853	954	1540	565	237	384	209	220	1280
24	525	476	697	997	915	1440	520	234	385	227	216	1620
25	500	485	679	1250	865	1310	491	230	360	248	230	1380
26	482	499	667	1420	820	1190	467	228	350	254	252	1470
27	467	512	660	1540	791	1180	449	227	381	255	249	1530
28	452	529	655	1610	781	1190	442	227	392	263	244	1430
29	440	544	645	1610	761	1110	448	224	397	279	243	1330
30	432	553	627	1770	---	1020	445	219	390	328	239	1280
31	429	---	607	2060	---	950	---	215	---	364	239	---
TOTAL	17382	14316	18721	30216	31141	30773	17932	8744	7987	8958	9844	19430
MEAN	561	477	604	975	1074	993	598	282	266	289	318	648
MAX	699	553	740	2060	2030	1610	900	434	397	407	488	1620
MIN	429	427	532	562	761	689	442	215	203	209	216	243
CFSM	.69	.59	.75	1.21	1.33	1.23	.74	.35	.33	.36	.39	.80
IN.	.80	.66	.86	1.39	1.44	1.42	.83	.40	.37	.41	.45	.90

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2000, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	903	999	1182	1731	1682	1606	1173	932	791	707	889	768
MAX	1480	1507	1752	3187	3038	2645	2085	2212	1190	1178	2270	1294
(WY)	1995	1993	1998	1993	1995	1998	1998	1998	1995	1991	1991	1995
MIN	561	477	604	975	1074	926	598	282	266	289	318	369
(WY)	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	2000	1999

SUMMARY STATISTICS		02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC--Continued		WATER YEARS 1991 - 2000	
	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR			
ANNUAL TOTAL	250488	215444			
ANNUAL MEAN	686	589			1082
HIGHEST ANNUAL MEAN					1585
LOWEST ANNUAL MEAN					589
HIGHEST DAILY MEAN	1800	2060	Jan 26	Jan 31	8080
LOWEST DAILY MEAN	245	203	Aug 13	Jun 4	203
ANNUAL SEVEN-DAY MINIMUM	252	208	Aug 9	May 31	208
INSTANTANEOUS PEAK FLOW		2120		Jan 31	8640
INSTANTANEOUS PEAK STAGE		11.18		Jan 31	13.71
ANNUAL RUNOFF (CFSM)	.85	.73			1.34
ANNUAL RUNOFF (INCHES)	11.55	9.93			18.22
10 PERCENT EXCEEDS	1060	1010			1860
50 PERCENT EXCEEDS	603	504			957
90 PERCENT EXCEEDS	306	230			440

