

## EDISTO RIVER BASIN

02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC

LOCATION.--Lat 33°21'32'', long 81°03'35'', Orangeburg County, Hydrologic Unit 03050204, on downstream side of trestle on old Seaboard Coastline Railroad, at South Carolina Electric and Gas Company Cope Power Plant, 4.6 mi north-northwest of Bamberg, and at mile 130.9.

DRAINAGE AREA.--757 mi<sup>2</sup>.

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

GAGE.--Data collection platform. Datum of gage is 139.23 ft above sea level.

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	479	367	468	460	1670	579	641	358	210	288	323	230
2	472	374	472	451	1460	570	603	351	209	284	355	231
3	482	382	477	447	1280	561	564	340	208	287	378	239
4	507	389	472	451	1130	566	540	329	206	294	387	263
5	543	392	461	463	1040	583	515	316	207	308	402	303
6	561	397	451	476	983	578	495	305	209	326	396	342
7	543	405	448	490	944	573	476	298	213	342	387	360
8	509	415	443	495	893	571	456	288	215	344	383	369
9	482	420	444	495	833	557	445	278	220	298	380	372
10	466	418	442	532	780	551	435	270	216	262	361	373
11	459	417	442	603	741	608	428	263	211	247	318	377
12	470	423	440	644	711	692	415	260	208	243	292	386
13	501	419	438	677	687	704	408	251	207	244	272	399
14	472	412	448	699	699	683	412	244	208	243	257	408
15	460	404	456	691	726	659	448	239	210	244	245	386
16	453	400	458	664	760	656	481	234	212	245	235	330
17	459	397	460	662	768	705	493	229	212	250	227	288
18	463	391	462	702	769	776	488	229	209	250	222	279
19	462	390	517	708	764	788	477	227	213	241	217	290
20	468	392	546	677	751	912	467	224	225	225	215	322
21	468	396	544	618	757	1180	466	222	299	215	216	348
22	464	404	543	589	764	1240	456	221	333	210	214	379
23	449	406	540	614	738	1230	426	225	333	209	214	1020
24	428	408	532	727	696	1130	399	222	332	221	212	1030
25	410	414	526	936	658	990	383	220	302	234	225	989
26	397	424	523	1070	632	921	373	218	288	236	239	1130
27	388	436	520	1240	614	939	364	218	304	239	234	1150
28	379	450	518	1300	606	922	363	218	330	249	230	1080
29	372	459	509	1330	594	824	367	216	327	272	230	1020
30	368	465	493	1590	---	738	364	213	307	310	227	1010
31	368	---	474	1820	---	682	---	211	---	325	227	---
TOTAL	14202	12266	14967	23321	24448	23668	13648	7937	7383	8185	8720	15703
MEAN	458	409	483	752	843	763	455	256	246	264	281	523
MAX	561	465	546	1820	1670	1240	641	358	333	344	402	1150
MIN	368	367	438	447	594	551	363	211	206	209	212	230
CFSM	.61	.54	.64	.99	1.11	1.01	.60	.34	.33	.35	.37	.69
IN.	.70	.60	.74	1.15	1.20	1.16	.67	.39	.36	.40	.43	.77

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

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
MEAN	665	737	858	1233	1246	1189	884	666	549	527	637	581
MAX	1058	1053	1253	2236	2236	2115	1690	1762	813	802	1420	957
(WY)	1995	1993	1998	1993	1998	1998	1998	1998	1995	1991	1991	1995
MIN	458	409	483	752	843	724	455	256	246	264	279	321
(WY)	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	1999	1999

SUMMARY STATISTICS	02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC--Continued		FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1991 - 2000	
	1995809	174448						
ANNUAL TOTAL	195809	174448						
ANNUAL MEAN	536	477				802		
HIGHEST ANNUAL MEAN						1226		1998
LOWEST ANNUAL MEAN						477		2000
HIGHEST DAILY MEAN	1420	1820	Jan 26	Jan 31	6510	May 9	1998	
LOWEST DAILY MEAN	218	206	Aug 14	Jun 4	206	Jun 4	2000	
ANNUAL SEVEN-DAY MINIMUM	223	209	Aug 9	May 31	209	May 31	2000	
INSTANTANEOUS PEAK FLOW		1850		Jan 31	7610	May 8	1998	
INSTANTANEOUS PEAK STAGE		9.62		Jan 31	10.86	May 8	1998	
ANNUAL RUNOFF (CFSM)	.71	.63			1.06			
ANNUAL RUNOFF (INCHES)	9.62	8.57			14.40			
10 PERCENT EXCEEDS	805	777			1350			
50 PERCENT EXCEEDS	479	418			690			
90 PERCENT EXCEEDS	270	221			372			

