

02160105 TYGER RIVER NEAR DELTA, SC

LOCATION.--Lat 34°32'07'', long 81°32'54'', Union County, Hydrologic Unit 03050107, on upstream side of bridge on State Highway 72 and 121, 0.9 mi downstream from Seaboard Coast Line Railroad, 0.8 mi southeast of Delta, and at mile 9.0.

DRAINAGE AREA.--759 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to current year.

GAGE.--Data collection platform. Datum of gage is 300 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	328	297	479	442	1590	664	723	746	271	228	268	126
2	294	347	428	431	1220	617	710	661	256	200	398	152
3	236	609	410	414	1010	589	839	650	242	178	272	456
4	217	655	392	480	925	596	926	833	232	166	262	385
5	382	490	386	527	857	861	1100	727	258	166	372	295
6	741	420	386	541	777	906	941	643	307	157	384	263
7	452	388	510	508	722	714	814	589	356	175	330	218
8	336	363	566	467	685	648	748	534	299	184	258	193
9	280	353	469	455	656	609	756	492	266	170	222	179
10	290	342	432	723	632	584	692	465	245	150	199	167
11	1370	334	449	1830	614	599	634	436	231	137	189	160
12	4100	352	479	1580	605	619	605	413	216	136	201	154
13	4600	376	447	1090	718	735	593	394	209	202	170	146
14	1470	353	504	866	1860	653	591	377	204	339	151	140
15	965	343	730	737	2400	594	801	358	199	264	141	132
16	882	317	758	660	1720	576	1240	339	191	208	135	122
17	656	315	646	615	1200	808	1210	330	184	174	134	112
18	528	300	569	585	1050	1460	962	323	182	152	128	111
19	451	292	527	577	979	1160	815	317	201	141	118	131
20	417	285	522	586	887	1860	710	307	241	134	117	140
21	468	283	518	599	804	4180	659	313	232	134	113	163
22	523	287	747	568	743	5920	602	290	217	132	111	177
23	431	293	875	715	695	3410	560	281	196	135	120	858
24	379	304	699	1540	666	1610	539	291	184	162	118	586
25	345	303	598	1740	652	1250	961	311	179	267	112	463
26	330	400	548	1500	629	1090	1190	393	183	294	115	377
27	328	790	517	1080	622	981	866	502	193	207	135	484
28	310	884	491	866	693	933	842	416	188	181	110	320
29	297	677	473	769	747	891	786	349	235	173	110	245
30	287	534	465	1060	---	823	839	309	269	199	110	215
31	291	---	450	1720	---	768	---	288	---	196	123	---
TOTAL	22984	12286	16470	26271	27358	37708	24254	13677	6866	5741	5726	7670
MEAN	741	410	531	847	943	1216	808	441	229	185	185	256
MAX	4600	884	875	1830	2400	5920	1240	833	356	339	398	858
MIN	217	283	386	414	605	576	539	281	179	132	110	111
CFSM	.98	.54	.70	1.12	1.24	1.60	1.07	.58	.30	.24	.24	.34
IN.	1.13	.60	.81	1.29	1.34	1.85	1.19	.67	.34	.28	.28	.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2000, BY WATER YEAR (WY)

	829	842	1009	1553	1538	1779	1265	969	708	583	637	487
MEAN	829	842	1009	1553	1538	1779	1265	969	708	583	637	487
MAX	3011	2519	2354	3020	2683	3545	2618	2363	1517	1507	2295	1342
(WY)	1991	1986	1984	1978	1979	1993	1998	1984	1975	1984	1995	1975
MIN	233	328	358	539	603	742	515	386	229	185	136	149
(WY)	1994	1982	1989	1989	1986	1985	1986	1988	2000	2000	1988	1999

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1974 - 2000	
ANNUAL TOTAL	221917		207011		1015	
ANNUAL MEAN	608		566		1449	
HIGHEST ANNUAL MEAN					538	
LOWEST ANNUAL MEAN					1988	
HIGHEST DAILY MEAN	4600	Oct 13	5920	Mar 22	26000	Oct 10 1976
LOWEST DAILY MEAN	107	Aug 19	110	a Aug 28	98	Aug 28 1988
ANNUAL SEVEN-DAY MINIMUM	115	Aug 13	115	Aug 20	112	Aug 23 1988
INSTANTANEOUS PEAK FLOW			6340 Mar 22		30300 Oct 11 1976	
INSTANTANEOUS PEAK STAGE			13.71 Mar 22		26.31 Oct 11 1976	
INSTANTANEOUS LOW FLOW			107 b Aug 28		96 Aug 28 1988	
ANNUAL RUNOFF (CFSM)	.80		.75		1.34	
ANNUAL RUNOFF (INCHES)	10.88		10.15		18.17	
10 PERCENT EXCEEDS	1010		969		1800	
50 PERCENT EXCEEDS	485		431		714	
90 PERCENT EXCEEDS	159		152		294	

a Also occurred Aug. 29, 30.
 b Also occurred on Sep. 17, 18.

