

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 NGVD of 1929 (from topographic map).

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

Discharge, cubic feet per second WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	473	523	615	584	574	1240	744	489	251	581	512	268
2	465	502	585	615	558	1210	713	734	316	597	418	331
3	461	488	563	602	664	971	644	1110	267	824	374	423
4	456	492	560	584	984	864	591	783	251	820	403	418
5	449	505	599	579	900	812	548	634	246	739	378	365
6	443	506	679	617	1100	782	522	559	232	611	334	353
7	449	516	662	651	2600	739	505	509	232	606	290	657
8	470	604	622	616	2790	693	494	476	232	512	260	8410
9	582	570	591	586	2630	663	491	442	248	477	238	9070
10	607	551	592	582	1550	643	481	418	290	586	223	8550
11	610	522	863	567	1130	624	473	399	356	443	217	4790
12	594	502	1180	551	1140	609	510	398	327	425	233	1500
13	592	496	1000	548	1460	593	769	392	576	637	605	1060
14	563	481	1030	540	1280	584	1430	373	486	613	947	860
15	538	471	1390	548	1370	583	1310	374	497	461	617	755
16	523	462	1250	538	1800	594	896	369	717	381	498	730
17	535	465	1000	527	1400	601	744	356	889	337	405	794
18	519	482	888	540	1090	598	666	345	744	436	368	1480
19	497	583	817	572	957	583	615	374	527	756	336	1590
20	490	1130	753	571	878	564	575	418	457	811	302	1060
21	479	1290	702	543	821	579	545	416	494	519	291	769
22	471	1000	664	530	773	574	515	382	2820	400	277	632
23	458	813	652	522	734	554	494	363	1910	352	296	540
24	448	717	645	513	710	525	475	330	999	314	304	475
25	436	665	631	516	690	511	455	310	693	289	321	432
26	436	669	615	566	692	510	445	293	922	330	407	406
27	460	633	602	607	774	508	474	278	1690	359	313	412
28	662	605	592	612	866	506	497	263	1360	405	271	1890
29	704	596	584	624	1060	502	479	269	847	375	244	5330
30	607	652	588	612	---	504	448	245	666	559	230	6760
31	552	---	593	594	---	635	---	240	---	653	296	---
TOTAL	16029	18491	23107	17757	33975	20458	18548	13341	20542	16208	11208	61110
MEAN	517	616	745	573	1172	660	618	430	685	523	362	2037
MAX	704	1290	1390	651	2790	1240	1430	1110	2820	824	947	9070
MIN	436	462	560	513	558	502	445	240	232	289	217	268
CFSM	0.68	0.81	0.98	0.75	1.54	0.87	0.81	0.57	0.90	0.69	0.48	2.68
IN.	0.79	0.91	1.13	0.87	1.67	1.00	0.91	0.65	1.01	0.79	0.55	3.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2004, BY WATER YEAR (WY)

MEAN	768	802	975	1435	1462	1737	1248	958	697	578	623	534
MAX	3011	2519	2354	3020	2683	3545	2699	2404	1517	1507	2295	2037
(WY)	1991	1986	1984	1978	1979	1993	2003	2003	1975	1984	1995	2004
MIN	156	255	348	474	494	660	515	277	143	109	78.2	149
(WY)	2001	2002	2002	2001	2001	2004	1986	2001	2002	2002	2002	1999

SANTEE RIVER BASIN

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1974 - 2004	
ANNUAL TOTAL	502430		270774		983	
ANNUAL MEAN	1377		740		1474	
HIGHEST ANNUAL MEAN					420	
LOWEST ANNUAL MEAN					26000	
HIGHEST DAILY MEAN	13900	Mar 22	9070	Sep 9	26000	Oct 10 1976
LOWEST DAILY MEAN	428	Sep 22	217	Aug 11	28	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	455	Sep 17	244	Jun 3	32	Aug 10 2002
MAXIMUM PEAK FLOW			10100	Sep 8	37500	Oct 11 1976
MAXIMUM PEAK STAGE			16.54	Sep 8	a 26.31	Oct 11 1976
INSTANTANEOUS LOW FLOW			208	Aug 12	26	b Aug 14 2002
ANNUAL RUNOFF (CFSM)	1.81		0.975		1.30	
ANNUAL RUNOFF (INCHES)	24.63		13.27		17.60	
10 PERCENT EXCEEDS	2590		1090		1750	
50 PERCENT EXCEEDS	888		566		682	
90 PERCENT EXCEEDS	506		320		269	

a From floodmarks.
 b Also occurred Aug. 15, 2002.

