02136358 SAMPIT RIVER NEAR GEORGETOWN, SC

Lower Pee Dee Basin
Carolina Coastal-Sampit Subbasin

LOCATION.--Lat 33°21′43″, long 79°23′00″ referenced to North American Datum of 1983, Georgetown County, SC, Hydrologic Unit 03040207, on right upstream side of the 3-V chemical dock, 3.6 mi upstream of U.S. Highway 17 bridge in Georgetown.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 2005 to September 2009 (discontinued).

GAGE.--Data collection platform and acoustic velocity meter. Datum of gage is 21.68 ft below NGVD of 1929.

REMARKS.--Records fair. Astronomical tides cause cycles of approximately 24.8 hours at this site during periods of low to medium flow. During periods of higher flow, the tidal influence is overcome by basin runoff. Previously published 24-hour daily mean values may contain cycles that were a result of the 24-hour averaging and are unrelated to stream hydrology. October 2005 to current year, tidal effects were removed from unit value discharges using the Godin filter. Daily mean discharge computed from filtered values. Unit values available upon request.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,800 ft^3/s, Oct. 7, 2005, maximum gage height, 26.60 ft, Oct. 24, 2008; minimum discharge, -10,600 ft^3/s, Oct. 25, 2008, minimum gage height, 18.25 ft, Apr. 16, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 13,100 ft^3/s, Oct. 24, maximum gage height, 26.60 ft, Oct. 24; minimum discharge, -10,600 ft^3/s, Oct. 25, minimum gage height, 18.72 ft, Jan. 8.

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DISCHARGE, TIDALLY FILTERED, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	459	191	832	310	200	625	283	186	494	314	648	200
2	403	130	710	385	162	781	430	113	326	254	498	209
3	282	200	561	386	314	624	923	48	251	158	290	274
4	315	390	470	320	424	609	615	34	252	186	210	313
5	345	611	359	245	237	609	244	-96	390	289	250	377
6	221	764	346	168	226	583	580	-53	322	300	322	457
7	221	722	448	463	369	534	512	154	354	---	153	604
8	294	849	221	466	205	413	103	185	601	---	232	582
9	300	851	244	245	-3.5	125	48	179	566	---	475	502
10	222	642	276	194	103	27	136	70	358	---	481	502
11	299	506	440	154	83	226	185	111	355	661	477	511
12	601	411	760	92	---	167	164	178	416	800	442	409
13	642	498	651	272	---	278	191	281	331	885	407	382
14	514	575	670	444	---	192	170	413	125	804	365	417
15	356	809	605	414	---	110	119	327	208	703	298	234
16	359	732	336	317	231	214	-44	387	408	579	224	177
17	318	576	337	369	274	259	109	389	595	503	275	193
18	321	673	421	458	415	202	187	184	473	333	331	314
19	441	541	611	460	747	40	9.3	449	328	16	337	402
20	509	524	547	541	538	-127	-39	573	303	-3.0	345	313
21	540	606	660	488	613	81	250	572	231	58	239	372
22	479	---	511	490	928	155	521	463	94	102	250	521
23	380	---	382	462	670	67	116	310	225	278	407	450
24	1,220	---	475	277	429	-60	45	297	335	352	481	413
25	2,840	---	376	249	287	101	92	308	301	329	453	555
26	1,850	424	218	384	308	55	89	268	282	517	515	502
27	1,030	486	193	288	283	12	115	295	391	599	470	770
28	846	305	271	367	280	254	57	414	260	536	476	556
29	481	158	340	411	---	538	65	471	363	640	784	434
30	234	302	404	329	---	237	-21	406	383	735	625	416
31	185	---	427	281	---	193	---	521	---	746	388	---
Mean	565	---	455	346	---	262	208	272	344	---	392	412
Max	2,840	---	832	541	---	781	923	573	601	---	784	770
Min	185	---	193	92	---	-127	-44	-96	94	---	153	177