02136358 SAMPIT RIVER NEAR GEORGETOWN, SC

Lower Pee Dee Basin
Carolina Coastal-Sampit Subbasin

LOCATION.--Lat 33°21′43″ (revised), 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 current year.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 19 ft below NGVD of 1929 (from topographic map).

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. 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, 26.32 ft, Feb. 28, 2005; minimum discharge, -8,450 ft^3/s, Sep. 16, 2005, minimum gage height, 18.88 ft, Mar. 12, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 13,800 ft^3/s, Oct. 7, maximum gage height, 26.28 ft, Oct. 6; minimum discharge, -7,990 ft^3/s, Apr. 29, minimum gage height, 19.19 ft, Dec. 27, Apr. 15.

02136358 SAMPIT RIVER NEAR SAMPIT, SC—Continued

DISCHARGE, TIDALLY FILTERED, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	232	99	808	22	97	131	125	---	87	9.2	33	---
2	329	146	544	208	149	155	34	---	125	76	36	---
3	256	136	269	306	268	106	142	---	128	23	111	---
4	312	178	84	257	462	280	260	---	106	-200	154	---
5	315	157	38	391	672	202	176	---	221	-221	42	---
6	1,940	117	266	384	279	220	142	---	174	-269	103	---
7	4,560	101	210	404	210	175	221	---	107	-334	150	---
8	3,610	48	100	268	190	57	292	---	32	-174	211	---
9	1,930	191	248	92	152	-89	82	---	53	-125	153	---
10	1,090	175	245	-47	51	-156	47	---	73	-124	41	371
11	695	53	228	-67	241	-167	73	---	-41	-104	-12	405
12	545	114	45	-5.6	252	-181	203	94	24	-117	106	462
13	546	101	26	113	146	-112	95	48	22	-124	361	267
14	461	71	57	446	120	128	132	53	225	-41	351	303
15	370	48	234	158	-1.9	44	153	93	-9.8	-37	296	297
16	400	176	---	---	7.2	-92	65	97	-0.65	-138	---	321
17	---	132	---	---	-9.4	-291	169	200	22	27	---	131
18	---	102	---	---	-33	-98	180	265	57	195	---	85
19	---	232	---	---	50	99	374	199	105	185	---	44
20	---	308	290	123	165	143	349	21	82	22	264	-59
21	---	---	308	-15	134	392	244	31	-75	-58	158	-29
22	145	---	262	-38	2.0	305	270	-37	-64	-111	127	104
23	129	---	207	71	---	196	206	56	-74	-163	38	57
24	380	---	-11	49	---	283	193	77	-35	-194	102	-60
25	370	397	51	127	---	235	139	26	-127	-118	116	-71
26	175	328	216	---	---	169	-36	26	-160	-180	208	-37
27	126	364	-108	---	553	94	224	-32	-68	-116	58	-20
28	231	449	-110	---	413	7.1	267	144	-189	-68	---	39
29	278	1,010	-14	---	---	-46	---	141	-95	-65	---	73
30	201	1,250	-31	---	---	6.9	---	206	-59	-143	---	-34
31	129	---	46	222	---	77	---	175	---	-56	---	---
Mean	---	---	---	---	---	73	---	---	22	-88	---	---
Max	---	---	---	---	---	392	---	---	225	195	---	---
Min	---	---	---	---	---	-291	---	---	-189	-334	---	---