

PEE DEE RIVER BASIN

121

02136000 BLACK RIVER AT KINGSTREE, SC

LOCATION.--Lat 33°39'40'', long 79°50'10'', Williamsburg County, Hydrologic Unit 03040205, on left bank, at upstream side of bridge on U.S. Highway 52 at Kingstree, 1.0 mi downstream from Kingstree Swamp Canal, and at mile 86.7.

DRAINAGE AREA.--1,252 mi².

PERIOD OF RECORD.--October 1929 to current year. Gage-height records collected at same site since 1894 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1032: 1928(m), drainage area WSP 1333: 1930(m), 1931, 1936.

GAGE.--Data collection platform. Datum of gage is 25.66 ft above NGVD of 1929. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

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

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1070	259	734	862	717	1590	2710	300	212	180	296	683
2	1110	248	773	859	693	1800	2670	287	274	276	432	611
3	1140	238	815	833	701	1910	2430	271	479	470	440	513
4	1090	230	850	797	775	2010	2200	252	752	631	485	413
5	1050	225	868	760	883	2070	2000	239	1070	868	616	333
6	999	222	872	728	961	2030	1820	235	1470	1040	785	278
7	954	218	871	697	990	1940	1670	239	1650	1080	956	240
8	919	213	854	675	1020	1850	1530	240	1650	1040	1030	210
9	896	209	838	656	1050	1720	1400	231	1640	981	1050	184
10	873	206	856	639	1080	1590	1290	222	1680	891	1030	160
11	835	205	850	621	1080	1460	1170	202	1680	758	1100	139
12	779	205	816	603	1070	1330	1090	187	1650	618	1290	120
13	718	214	775	597	1060	1200	1030	173	1560	530	1890	105
14	648	226	725	693	1040	1100	982	160	1400	481	2570	93
15	618	233	672	850	1010	1030	934	155	1190	482	2580	83
16	580	237	629	1020	988	1010	884	161	991	485	2510	75
17	531	236	595	1060	958	1070	829	175	777	472	2320	67
18	496	238	570	1040	917	1170	775	199	585	447	2120	63
19	477	241	548	1030	869	1300	731	197	447	444	1900	56
20	459	242	520	1000	819	1390	689	193	362	482	1640	51
21	435	245	494	960	782	1480	641	192	290	515	1370	47
22	408	248	473	906	781	1520	594	191	238	538	1150	43
23	380	249	460	866	800	1550	549	187	198	539	1160	40
24	356	270	451	841	855	1540	501	179	166	545	1100	37
25	339	338	441	834	921	1530	456	171	143	538	1020	34
26	325	423	471	831	1010	1510	415	160	136	466	974	31
27	310	488	557	819	1120	1670	386	154	132	356	883	29
28	296	549	661	787	1340	1980	360	149	138	262	789	27
29	285	616	757	741	---	2200	335	140	151	201	738	25
30	276	680	806	728	---	2310	313	148	163	176	714	54
31	269	---	843	727	---	2530	---	164	---	198	711	---
TOTAL	19921	8651	21445	25060	26290	50390	33384	6153	23274	16990	37649	4844
MEAN	643	288	692	808	939	1625	1113	198	776	548	1214	161
MAX	1140	680	872	1060	1340	2530	2710	300	1680	1080	2580	683
MIN	269	205	441	597	693	1010	313	140	132	176	296	25
CFSM	0.51	0.23	0.55	0.65	0.75	1.30	0.89	0.16	0.62	0.44	0.97	0.13
IN.	0.59	0.26	0.64	0.74	0.78	1.50	0.99	0.18	0.69	0.50	1.12	0.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

MEAN	510	465	906	1428	1903	2093	1499	573	547	497	558	603
MAX	7708	3250	5471	6499	8404	6938	5905	2144	7852	3318	3148	7258
(WY)	1965	1948	1995	1993	1973	1983	1936	1984	1973	1941	1991	1945
MIN	8.65	5.00	39.3	124	218	287	220	38.6	11.3	6.33	5.19	4.83
(WY)	1932	1932	1955	1934	2002	2002	1985	2001	1935	2002	1954	1954

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02136000 BLACK RIVER AT KINGSTREE, SC--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1930 - 2005	
ANNUAL TOTAL	300776		274051		960	
ANNUAL MEAN	822		751		2438	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					105	
HIGHEST DAILY MEAN	6210	Sep 1	2710	Apr 1	52800	Jun 14 1973
LOWEST DAILY MEAN	62	Jun 3	25	Sep 29	2.0	Sep 12 1954
ANNUAL SEVEN-DAY MINIMUM	68	May 31	32	Sep 23	2.6	Sep 8 1954
MAXIMUM PEAK FLOW			2740	Apr 1	58000	Jun 14 1973
MAXIMUM PEAK STAGE			10.49	Apr 1	19.77	Jun 14 1973
INSTANTANEOUS LOW FLOW			24	Sep 29	2.0 a	Sep 12 1954
ANNUAL RUNOFF (CFSM)	0.656		0.600		0.767	
ANNUAL RUNOFF (INCHES)	8.94		8.14		10.42	
10 PERCENT EXCEEDS	2250		1570		2340	
50 PERCENT EXCEEDS	450		680		466	
90 PERCENT EXCEEDS	193		165		49	

A Also occurred Sep. 13-15, Oct. 7, 8, 1954.

