

## 02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'08'', long 81°41'40'', Aiken County, Hydrologic Unit 03060106, on right bank, 100 ft upstream of SRS Road C, 2.0 mi east of SRS Road 2, at Savannah River Site.

DRAINAGE AREA.--176 mi<sup>2</sup>.

PERIOD OF RECORD.--June 1974 to January 1998, December 1998 to current year.

GAGE.--Data collection platform. Datum of gage is 121.5 ft above sea level (from Global Positioning System).

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	174	131	145	156	314	168	174	135	106	162	145	121
2	158	158	147	157	238	166	165	131	104	140	423	117
3	153	171	148	156	217	164	164	130	102	134	475	122
4	178	146	149	162	207	183	163	129	102	122	217	149
5	269	138	151	193	198	193	158	127	105	114	174	149
6	215	135	171	174	192	175	155	126	113	110	145	147
7	171	134	186	167	190	165	155	123	105	116	129	147
8	158	134	169	163	188	160	158	121	101	129	124	135
9	153	133	165	159	185	157	175	120	99	115	118	123
10	150	133	165	314	182	155	161	118	99	107	118	118
11	152	134	167	528	182	160	155	121	98	106	113	113
12	166	146	163	341	184	226	152	119	98	104	110	109
13	269	154	163	207	179	195	150	115	97	104	113	108
14	234	144	189	183	264	169	154	111	96	103	108	106
15	167	139	194	171	312	162	258	109	95	104	105	105
16	145	136	173	169	221	186	286	108	101	100	104	101
17	137	135	164	169	196	310	196	109	102	98	102	100
18	138	135	162	168	184	224	166	109	103	96	105	111
19	134	137	181	171	183	181	154	108	155	95	117	173
20	132	138	207	198	177	492	149	106	189	95	115	161
21	135	139	195	206	173	679	145	105	199	94	107	176
22	130	141	205	176	169	362	140	106	175	94	108	169
23	126	143	187	233	168	224	137	106	269	125	105	756
24	124	142	174	542	169	199	138	104	162	192	101	765
25	123	146	165	774	168	188	144	103	129	152	132	336
26	124	167	161	559	168	180	143	123	120	129	129	440
27	124	216	161	281	172	175	138	135	127	119	116	482
28	124	173	160	232	193	185	148	116	129	129	112	239
29	124	153	159	235	178	173	154	111	153	154	108	175
30	124	148	156	366	---	175	142	109	252	121	106	157
31	127	---	156	431	---	189	---	108	---	112	113	---
TOTAL	4838	4379	5238	8141	5751	6720	4877	3601	3885	3675	4397	6210
MEAN	156	146	169	263	198	217	163	116	130	119	142	207
MAX	269	216	207	774	314	679	286	135	269	192	475	765
MIN	123	131	145	156	168	155	137	103	95	94	101	100
CFSM	.89	.83	.96	1.49	1.13	1.23	.92	.66	.74	.67	.81	1.18
IN.	1.02	.93	1.11	1.72	1.22	1.42	1.03	.76	.82	.78	.93	1.31

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

MEAN	194	207	221	247	244	250	216	189	189	188	191	187
MAX	394	296	322	402	393	377	334	321	327	304	401	290
(WY)	1991	1993	1995	1993	1995	1993	1993	1984	1995	1991	1991	1995
MIN	134	146	132	147	149	161	141	116	112	113	124	105
(WY)	1989	1989	1989	1989	1989	1990	1990	2000	1990	1986	1988	1990

SAVANNAH RIVER BASIN

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC--Continued  
 SUMMARY STATISTICS FOR 1999 CALENDAR YEAR FOR 2000 WATER YEAR WATER YEARS 1974 - 2000

ANNUAL TOTAL	72845		61712			
ANNUAL MEAN	200		169		210	
HIGHEST ANNUAL MEAN					294	1995
LOWEST ANNUAL MEAN					154	1990
HIGHEST DAILY MEAN	828	Jan 24	774	Jan 25	1740	Oct 12 1990
LOWEST DAILY MEAN	119	Aug 13	94	a Jul 21	85	b Jul 11 1990
ANNUAL SEVEN-DAY MINIMUM	121	Aug 9	96	Jul 16	86	Jul 6 1990
INSTANTANEOUS PEAK FLOW			864	Sep 23	2040	Oct 12 1990
INSTANTANEOUS PEAK STAGE			6.05	Sep 23	7.87	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.13		.96		1.19	
ANNUAL RUNOFF (INCHES)	15.40		13.04		16.18	
10 PERCENT EXCEEDS	281		225		305	
50 PERCENT EXCEEDS	178		152		188	
90 PERCENT EXCEEDS	131		105		134	

a Also occurred Jul. 22.  
 b Also occurred Jul. 12, 1990.

