

021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'27'', long 81°38'57'', Aiken County, Hydrologic Unit 03060106, on right upstream side of concrete culvert on Road 4, 0.5 mi west of H area, 0.9 mi southwest of junction of SRS roads 4 Savannah River Site.

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Data collection platform. Elevation of gage is 230 ft above sea level (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

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	.03	.02	.00	.01	.04	.01	.00	.01	.00	.01	e1.1	.00
2	.02	.03	.00	.01	.02	.00	.00	.01	.00	.00	.97	.00
3	.02	.02	.00	.02	.02	.00	.00	.01	.00	.00	.10	.00
4	e.85	.02	.00	.02	.02	.01	.00	.01	.00	.00	.04	.00
5	.11	.01	.00	.02	.02	.01	.00	.01	.00	.00	.01	.00
6	.04	.01	.01	.02	.02	.00	.00	.01	.00	.00	.00	.02
7	.03	.02	.01	.02	.01	.00	.00	.01	.00	.00	.00	.01
8	.02	.02	.00	.02	.01	.00	.00	.01	e.00	.00	.00	.00
9	.02	.02	.00	.02	.01	.00	.00	.01	e.00	.00	.39	.00
10	.02	.02	.01	e1.2	.01	.00	.00	.01	e.00	.00	.02	.00
11	.01	.01	.00	.03	.02	.00	.00	.01	e.00	.00	.00	.00
12	e.39	.01	.00	.02	.02	.07	.00	.01	e.00	.00	.00	.00
13	.31	.01	.01	.01	.02	.00	.00	.01	e.00	.00	.00	.00
14	.02	.01	.01	.01	.58	.00	.02	.00	e.00	.00	.00	.00
15	.02	.00	.01	.02	.02	.00	.29	.00	e.00	.00	.00	.00
16	.01	.00	.01	.02	.01	.78	.02	.00	e.00	.00	.00	.00
17	.02	.00	.01	.02	.01	.13	.02	.00	e.00	.00	.00	.00
18	.02	.01	.01	.02	.01	.01	.02	.00	e.00	.00	.43	.27
19	.02	.01	.02	.02	.01	.00	.02	.00	e.24	e.00	.18	.02
20	.02	.01	.01	.01	.01	e2.7	.02	.00	e.04	e.00	.00	e.55
21	.02	.01	.03	.01	.01	.04	.02	.00	.36	e.00	.00	.04
22	.02	.01	.01	.01	.01	.02	.02	.00	e1.2	e.00	.00	e2.1
23	.02	.01	.00	e1.2	.01	.02	.02	e.00	.15	e.43	.00	e6.0
24	.02	.01	.00	e3.0	.01	.01	.02	e.00	.01	.13	.00	e.06
25	.02	.01	.00	.45	.01	.01	.01	e.00	.00	.00	e.32	e.02
26	.02	.01	.00	.05	.01	.01	.01	e1.3	.00	.00	.01	e.02
27	.02	.01	.01	.03	.01	.01	.01	.02	.00	.00	.00	e.01
28	.02	.02	.01	.03	.02	.00	.01	.00	.00	.00	.00	.01
29	.02	.01	.01	.83	.01	.00	.01	.00	e.65	.00	.00	.00
30	.02	.00	.01	e1.6	---	.00	.01	.00	.28	.00	.00	.00
31	.02	---	.01	.15	---	.00	---	.00	---	.00	.00	---
TOTAL	2.22	0.36	0.21	8.90	0.99	3.84	0.55	1.45	2.93	0.57	3.57	9.13
MEAN	.072	.012	.007	.29	.034	.12	.018	.047	.098	.018	.12	.30
MAX	.85	.03	.03	3.0	.58	2.7	.29	1.3	1.2	.43	1.1	6.0
MIN	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2000, BY WATER YEAR (WY)

MEAN	.17	.11	.17	.31	.27	.25	.13	.071	.21	.19	.17	.18
MAX	.58	.27	.51	.56	.65	.49	.36	.16	.44	.34	.32	.30
(WY)	1995	1993	1998	1993	1998	1998	1998	1998	1995	1999	1995	2000
MIN	.053	.012	.007	.092	.034	.083	.018	.009	.067	.018	.022	.026
(WY)	1999	2000	2000	1996	2000	1997	2000	1994	1996	2000	1997	1994

SAVANNAH RIVER BASIN

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1992 - 2000	
ANNUAL TOTAL	48.30	34.72		
ANNUAL MEAN	.13	.095	.18	
HIGHEST ANNUAL MEAN			.32	1998
LOWEST ANNUAL MEAN			.095	2000
HIGHEST DAILY MEAN	3.8 Feb 1	6.0 Sep 23	7.0	Jan 8 1993
LOWEST DAILY MEAN	.00 Jun 5	.00 a Nov 15	.00	c Apr 26 1994
ANNUAL SEVEN-DAY MINIMUM	.00 Nov 29	.00 Mar 28	.00	Apr 26 1994
INSTANTANEOUS PEAK FLOW		Unknown Sep 23	10	Jun 16 1999
INSTANTANEOUS PEAK STAGE		b 10.67 Sep 23	10.67	Sep 23 2000
10 PERCENT EXCEEDS	.16	.08	.39	
50 PERCENT EXCEEDS	.02	.01	.03	
90 PERCENT EXCEEDS	.01	.00	.01	

a Also occurred many days, many months.  
 b From floodmarks.  
 c Also occurred many days, many years.

e Estimated

