

SAVANNAH RIVER BASIN

02192830 BLUE HILL CREEK AT ABBEVILLE, SC

LOCATION.--Lat 34°10'03'', long 82°22'17'', Abbeville County, Hydrologic Unit 03060103, on downstream side of footbridge behind the Milliken waste water treatment facility, 0.3 mi downstream of SC Highway 72, and 1.4 mi upstream of Parker Creek.

DRAINAGE AREA.--3.24 mi².

WATER-DISCHARGE RECORDS

PERIOD OF DAILY RECORD.-- February 1998 to current year.

GAGE.--Data collection platform. Datum of gage is 475 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.81	1.1	1.3	2.0	2.0	4.2	4.6	19	5.8	e48	4.8	3.4
2	0.82	1.1	1.4	1.7	1.7	4.1	4.4	7.6	5.9	e69	4.3	3.3
3	0.82	1.1	1.4	1.8	1.7	4.0	4.2	6.6	8.7	3.1	13	2.7
4	0.80	1.2	2.4	1.9	2.2	4.4	4.1	7.2	6.5	2.2	4.2	17
5	0.77	4.9	5.6	1.9	1.6	5.3	5.3	8.1	5.7	2.1	3.5	2.6
6	0.70	2.4	1.8	1.9	2.7	e111	5.5	41	12	2.2	3.7	1.9
7	0.77	1.7	1.4	1.9	4.9	8.4	14	11	52	3.9	3.5	1.5
8	0.78	1.4	1.4	2.0	2.2	5.9	8.0	6.0	5.6	3.0	3.2	1.5
9	0.92	1.4	1.4	2.2	1.9	7.5	8.7	6.1	4.4	2.6	3.0	1.6
10	0.98	1.3	1.9	2.0	4.7	8.9	11	6.4	4.4	25	3.1	1.6
11	0.95	6.7	3.5	2.0	2.4	10	5.9	6.7	4.6	21	2.9	1.5
12	0.82	6.4	1.7	2.2	2.1	9.8	4.5	6.4	e38	4.6	2.9	1.4
13	0.73	2.0	17	2.0	1.9	9.9	3.9	6.1	15	4.5	2.7	1.4
14	0.80	1.8	2.5	2.0	1.9	9.8	3.6	6.0	4.9	4.2	2.6	1.3
15	1.9	1.3	1.6	1.9	1.9	15	3.3	6.9	3.7	4.0	2.6	1.3
16	2.2	9.9	1.4	2.0	22	11	3.1	6.5	3.6	4.0	2.6	1.3
17	0.97	2.8	1.4	2.0	5.2	22	4.4	6.3	3.5	4.0	3.6	1.3
18	1.1	1.7	1.3	1.9	3.6	16	25	6.4	4.5	3.9	3.1	1.3
19	0.95	1.6	1.2	1.9	3.0	27	4.9	6.4	3.8	3.8	2.6	1.3
20	1.1	1.5	3.2	1.9	3.0	66	4.1	6.3	4.3	3.8	2.4	1.3
21	1.1	1.4	1.3	2.1	2.8	9.2	e49	6.9	3.7	6.8	2.4	1.2
22	0.91	1.4	1.1	2.3	e55	6.6	7.7	e86	3.5	4.0	2.3	2.3
23	0.94	1.4	1.1	2.2	5.0	5.6	4.4	6.5	3.5	8.3	2.3	2.5
24	0.96	1.4	e56	2.1	3.3	5.1	4.2	4.9	3.7	4.5	2.2	1.6
25	0.99	1.3	4.5	2.1	3.0	4.7	6.8	5.1	3.6	3.9	2.3	1.5
26	1.0	1.3	1.7	2.1	3.1	4.8	6.8	5.8	3.4	3.9	2.2	1.5
27	0.91	1.3	1.3	2.1	7.4	4.4	5.7	5.9	3.2	4.1	2.2	1.5
28	1.2	1.3	1.2	2.1	4.1	4.1	5.3	6.1	3.1	3.9	2.1	1.4
29	2.0	1.4	1.0	2.7	---	4.0	5.0	6.2	2.9	3.9	2.1	1.5
30	1.5	1.6	1.1	11	---	e6.0	5.1	6.1	3.0	4.0	2.1	1.4
31	1.2	---	1.3	2.7	---	5.0	---	6.0	---	4.2	4.4	---
TOTAL	32.40	67.1	126.4	72.6	156.3	419.7	232.5	328.5	230.5	270.4	100.9	66.9
MEAN	1.05	2.24	4.08	2.34	5.58	13.5	7.75	10.6	7.68	8.72	3.25	2.23
MAX	2.2	9.9	56	11	55	111	49	86	52	69	13	17
MIN	0.70	1.1	1.0	1.7	1.6	4.0	3.1	4.9	2.9	2.1	2.1	1.2
CFSM	0.32	0.69	1.26	0.72	1.72	4.18	2.39	3.27	2.37	2.69	1.00	0.69
IN.	0.37	0.77	1.45	0.83	1.79	4.82	2.67	3.77	2.65	3.10	1.16	0.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2003, BY WATER YEAR (WY)

	1999	2000	2001	2002	2003	1998	1999	2000	2001	2002	2003	
MEAN	1.03	1.59	2.00	2.45	3.55	6.16	4.37	4.03	2.85	2.62	1.57	1.71
MAX	1.46	2.24	4.08	3.59	5.58	13.5	9.79	10.6	7.68	8.72	3.25	2.68
(WY)	1999	2003	2003	1999	2003	2003	1998	2003	2003	2003	2003	2000
MIN	0.50	0.84	0.91	1.57	2.02	2.53	1.63	1.31	0.62	0.38	0.23	0.61
(WY)	2002	2002	2002	2002	2001	1999	2002	2000	2002	2002	2002	2001

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1998 - 2003	
ANNUAL TOTAL	662.25	2104.20		
ANNUAL MEAN	1.81	5.76	2.68	
HIGHEST ANNUAL MEAN			5.76	2003
LOWEST ANNUAL MEAN			1.39	2002
HIGHEST DAILY MEAN	56 Dec 24	e 111 Mar 6	e 111 Mar 6	2003
LOWEST DAILY MEAN	0.09 Sep 9	0.70 Oct 6	0.09 Sep 9	2002
ANNUAL SEVEN-DAY MINIMUM	0.11 Sep 7	0.78 Oct 2	0.11 Sep 7	2002
MAXIMUM PEAK FLOW		Unknown Jul 2	294 Jul 25	2000
MAXIMUM PEAK STAGE		8.48 Jul 2	8.58 Jul 25	2000
ANNUAL RUNOFF (CFSM)	0.56	1.78	0.83	
ANNUAL RUNOFF (INCHES)	7.60	24.16	11.23	
10 PERCENT EXCEEDS	3.5	9.0	4.5	
50 PERCENT EXCEEDS	1.0	3.1	1.5	
90 PERCENT EXCEEDS	0.20	1.2	0.58	

e Estimated

