

SAVANNAH RIVER BASIN

539

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 mi<sup>2</sup>.

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 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1.5	1.3	0.35	0.27	1.9	1.8	4.0	8.3	35	9.1	3.8	0.85
2	e2.4	1.6	0.23	0.26	1.7	1.2	0.88	8.5	45	9.8	3.6	0.80
3	e1.9	2.6	0.19	0.28	16	1.0	0.43	e8.6	18	8.7	3.6	0.73
4	e1.8	15	0.20	0.31	3.3	0.88	0.39	e8.7	16	9.0	3.3	0.67
5	1.6	2.8	0.16	0.29	2.0	0.79	0.35	e9.0	15	8.4	3.1	0.62
6	1.6	2.5	0.48	0.31	1.9	0.72	0.30	e9.0	15	8.2	3.0	0.61
7	1.7	2.5	0.19	0.30	2.0	1.0	1.3	9.6	14	7.7	12	0.61
8	1.4	2.7	0.16	0.32	2.2	4.7	8.2	9.7	14	7.3	3.6	0.58
9	1.2	3.2	0.19	0.32	3.0	0.75	0.61	9.8	13	6.9	2.9	0.55
10	1.1	4.3	0.19	0.36	2.8	0.61	0.59	10	15	7.2	15	0.55
11	1.2	4.4	0.14	0.38	2.1	0.49	0.67	10	12	12	2.3	0.53
12	1.1	9.3	0.13	0.39	2.1	0.46	7.6	9.9	12	6.9	1.5	0.52
13	8.8	3.1	0.13	16	2.1	0.46	7.9	9.8	12	12	1.5	0.53
14	1.0	2.1	0.13	23	5.6	0.45	2.1	10	12	17	1.5	0.52
15	0.98	1.9	0.12	5.8	2.4	0.43	2.2	9.8	11	18	1.6	0.50
16	0.95	1.6	0.14	4.9	2.1	12	2.4	10	11	10	1.6	0.50
17	0.91	1.3	0.13	4.4	1.7	1.1	2.4	10	11	6.4	2.7	0.50
18	0.98	1.3	0.14	4.0	1.4	0.37	2.7	10	14	6.2	11	0.50
19	1.0	1.2	0.15	3.8	1.4	0.33	2.9	9.8	19	5.9	4.0	0.52
20	1.0	1.3	0.15	3.7	2.0	0.33	3.0	27	11	6.3	1.1	0.53
21	1.2	1.4	0.16	3.4	30	0.33	3.4	12	11	8.3	1.2	0.57
22	0.98	16	0.17	3.2	6.8	3.0	9.9	11	11	5.3	17	0.54
23	0.95	11	0.61	3.2	2.2	1.4	4.9	11	11	4.7	1.8	0.53
24	1.4	4.0	0.19	3.1	21	0.45	4.8	11	10	4.8	1.0	0.54
25	1.1	0.85	0.20	3.0	3.0	0.33	5.2	12	10	4.5	1.1	0.55
26	1.1	0.44	0.20	2.8	1.8	0.34	6.2	12	22	4.4	1.1	0.58
27	1.2	0.54	0.20	2.4	4.8	20	6.1	10	16	4.4	0.93	0.58
28	1.3	0.39	0.21	2.3	17	19	6.2	10	24	5.4	0.93	0.55
29	1.2	0.29	0.21	4.2	---	0.67	6.3	10	14	4.5	0.98	0.63
30	1.3	0.25	0.24	4.4	---	0.42	13	18	10	4.1	0.93	0.57
31	1.2	---	0.23	2.6	---	17	---	12	---	3.7	0.89	---
TOTAL	47.05	101.16	6.32	103.99	146.3	92.81	116.92	336.5	464	237.1	110.56	17.36
MEAN	1.52	3.37	0.20	3.35	5.22	2.99	3.90	10.9	15.5	7.65	3.57	0.58
MAX	8.8	16	0.61	23	30	20	13	27	45	18	17	0.85
MIN	0.91	0.25	0.12	0.26	1.4	0.33	0.30	8.3	10	3.7	0.89	0.50
CFSM	0.47	1.04	0.06	1.04	1.61	0.92	1.20	3.35	4.77	2.36	1.10	0.18
IN.	0.54	1.16	0.07	1.19	1.68	1.07	1.34	3.86	5.33	2.72	1.27	0.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	1.34	1.94	1.75	2.39	4.34	5.10	3.97	4.85
MAX	2.74	3.37	4.08	3.59	7.34	13.5	9.79	10.9
(WY)	2004	2005	2003	1999	2004	2003	1998	2005
MIN	0.50	0.84	0.20	1.16	2.02	0.90	1.63	1.31
(WY)	2002	2002	2005	2004	2001	2004	2002	2000

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02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	1270.75		1780.07		3.13	
ANNUAL MEAN	3.47		4.88		5.76	
HIGHEST ANNUAL MEAN					1.39	
LOWEST ANNUAL MEAN					1.39	
HIGHEST DAILY MEAN	110	Sep 7	45	Jun 2	e 111	Mar 6 2003
LOWEST DAILY MEAN	0.12	Dec 15	0.12	Dec 15	0.09	Sep 9 2002
ANNUAL SEVEN-DAY MINIMUM	0.13	Dec 11	0.13	Dec 11	0.11	Sep 7 2002
MAXIMUM PEAK FLOW			166	Jan 13	294	Jul 25 2000
MAXIMUM PEAK STAGE			4.58	Jan 13	8.58	Jul 25 2000
ANNUAL RUNOFF (CFSM)	1.07		1.51		0.966	
ANNUAL RUNOFF (INCHES)	14.59		20.44		13.13	
10 PERCENT EXCEEDS	7.1		12		6.3	
50 PERCENT EXCEEDS	1.1		2.1		1.5	
90 PERCENT EXCEEDS	0.43		0.31		0.52	

e Estimated

